



E.ON France Benchmark - Update Corrected Labor Adjustment

13.07.2009

Normalized Performance of Plant Management

Report Overview

Outliers:

BG07 (€16.39, 1.50)

CEH07 (€13.13, 0.60)

PLL08 (€19.85, 0.48)

CEH08 (€13.05, 0.71)

HOR08 (€11.52, 0.60)

LUC08 (€14.08, 1.05)

PRO08 (€11.35, 1.14)

● 2007 Data

◆ 2008 Data

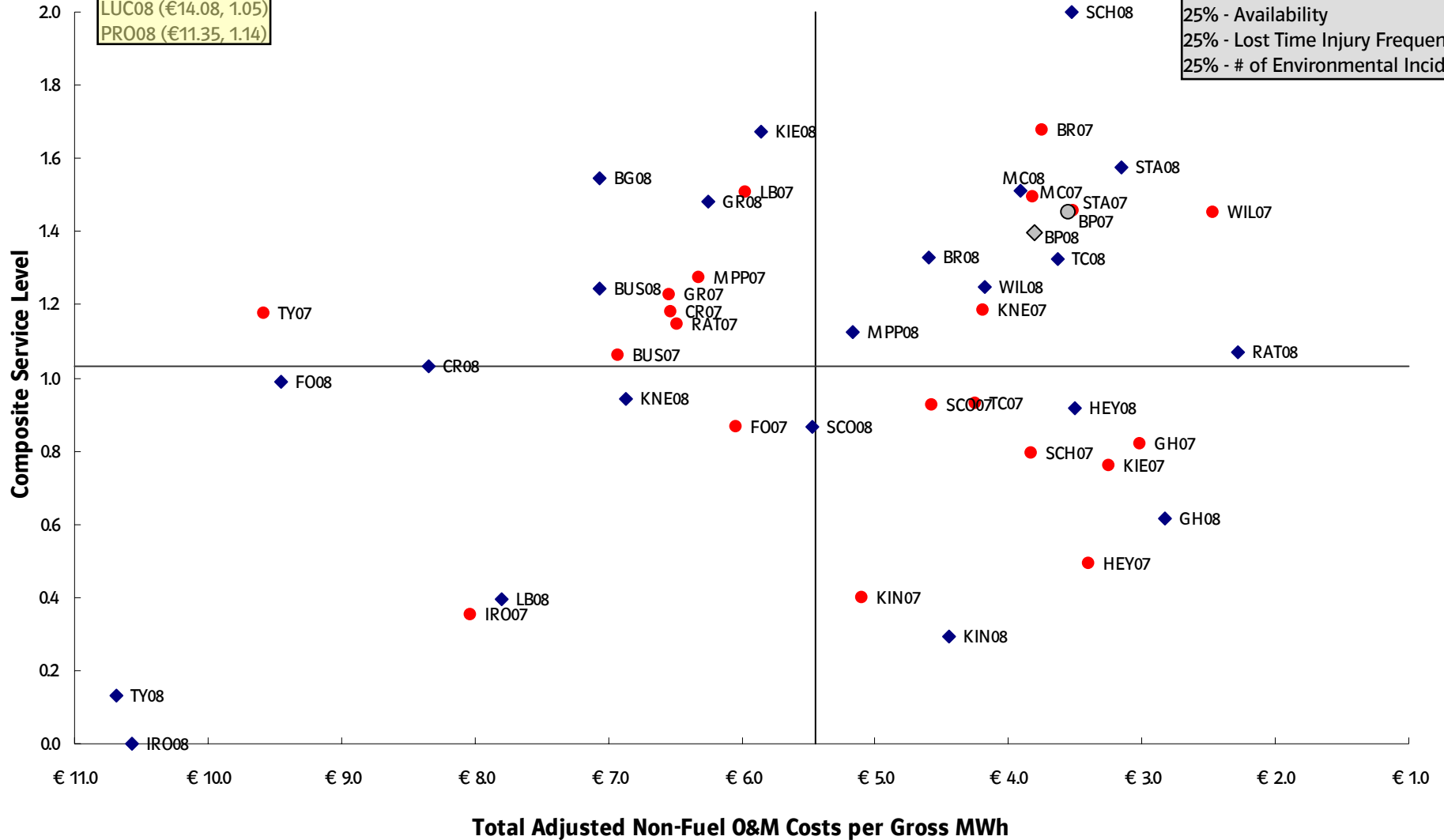
Service Level Driver:

25% - Unplanned Unavailability

25% - Availability

25% - Lost Time Injury Frequency

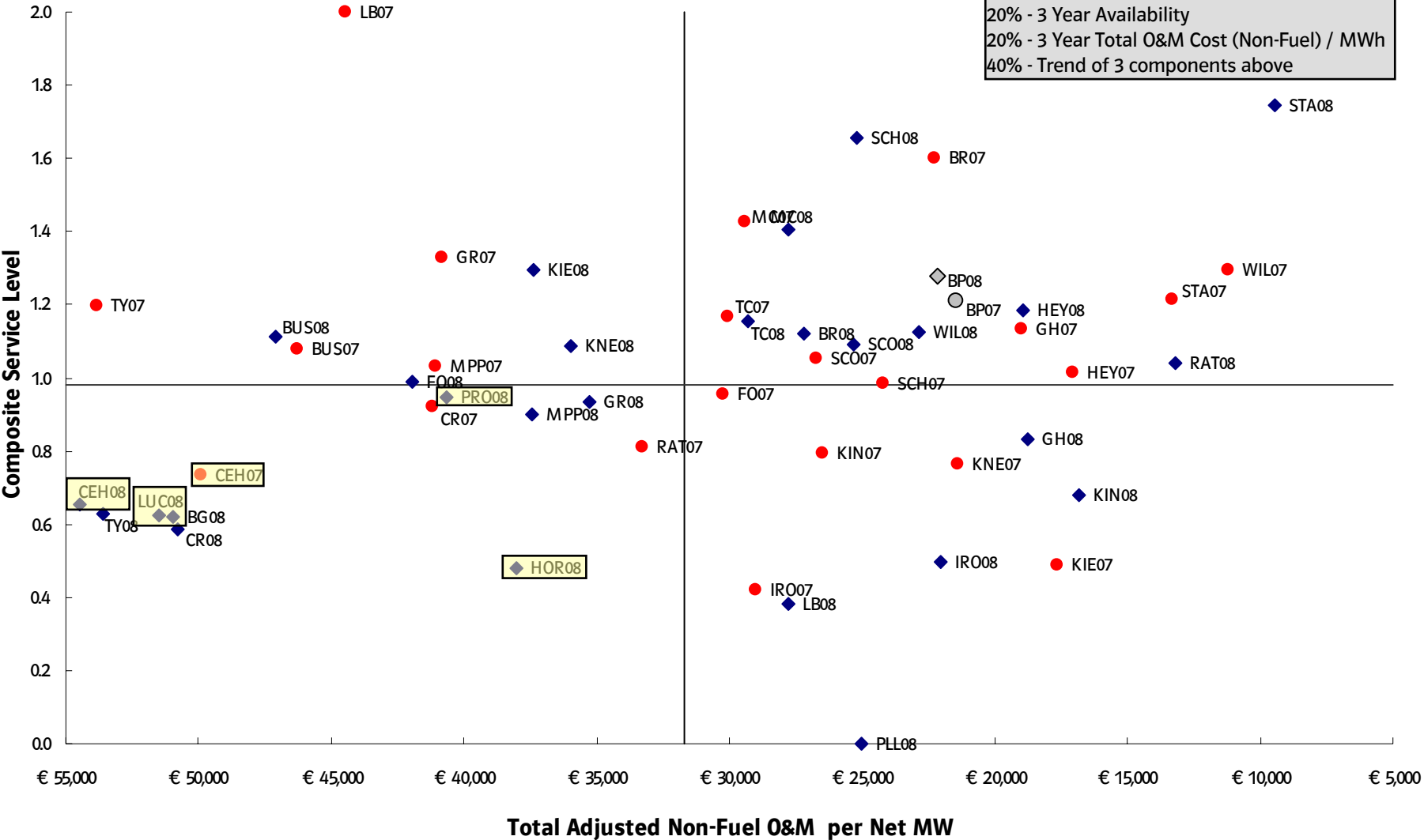
25% - # of Environmental Incidents



● 2007 Data
◆ 2008 Data

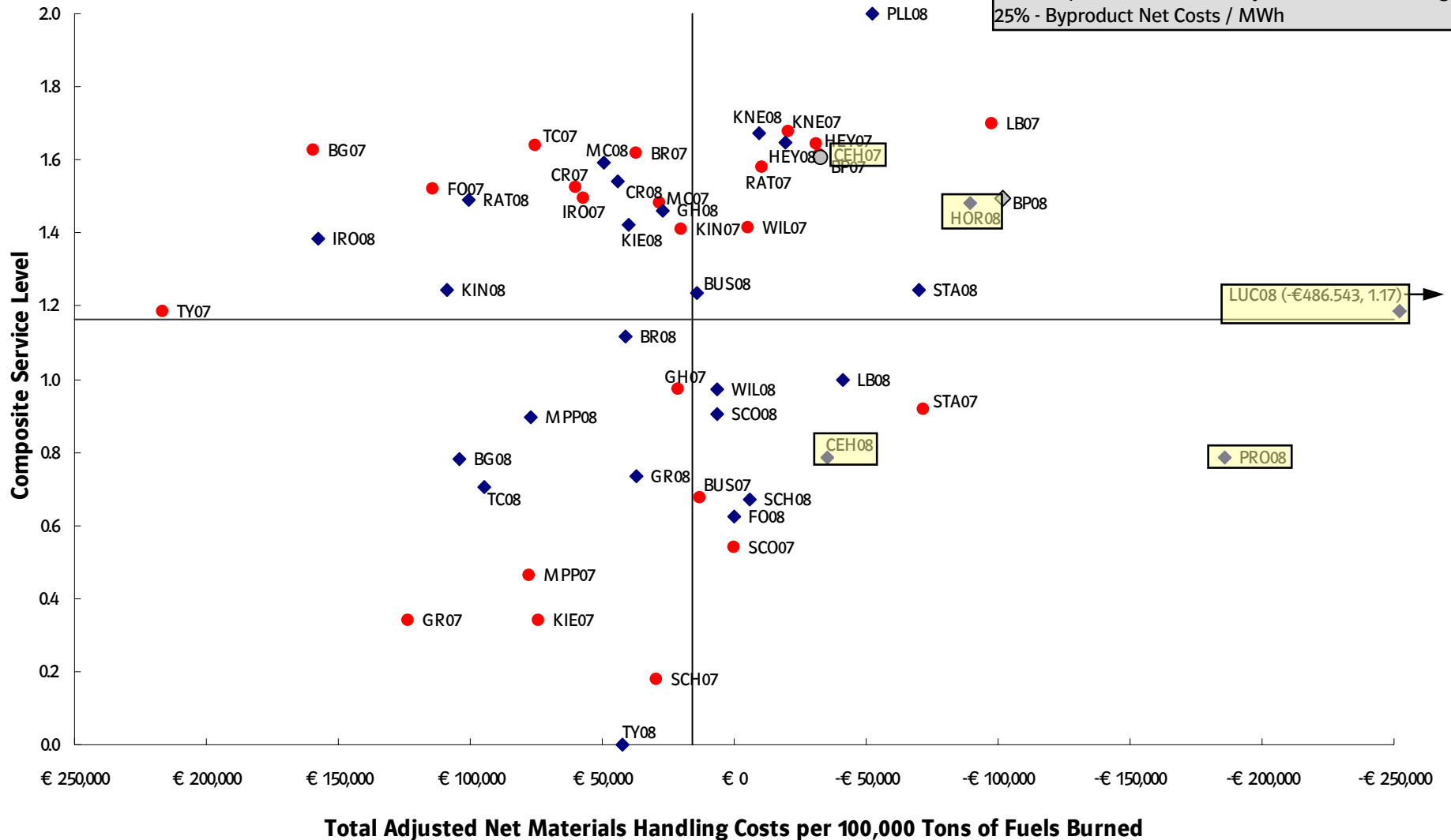
Outlier:
BG07 (€87,375, 1.50)

Service Level Driver:
20% - 3 Year Unplanned Unavailability
20% - 3 Year Availability
20% - 3 Year Total O&M Cost (Non-Fuel) / MWh
40% - Trend of 3 components above



- 2007 Data
- ◆ 2008 Data

Service Level Driver:
75% - Unplanned Unavailability due to Mat. Handling
25% - Byproduct Net Costs / MWh



Normalized Performance of Unit Operations

Report Overview

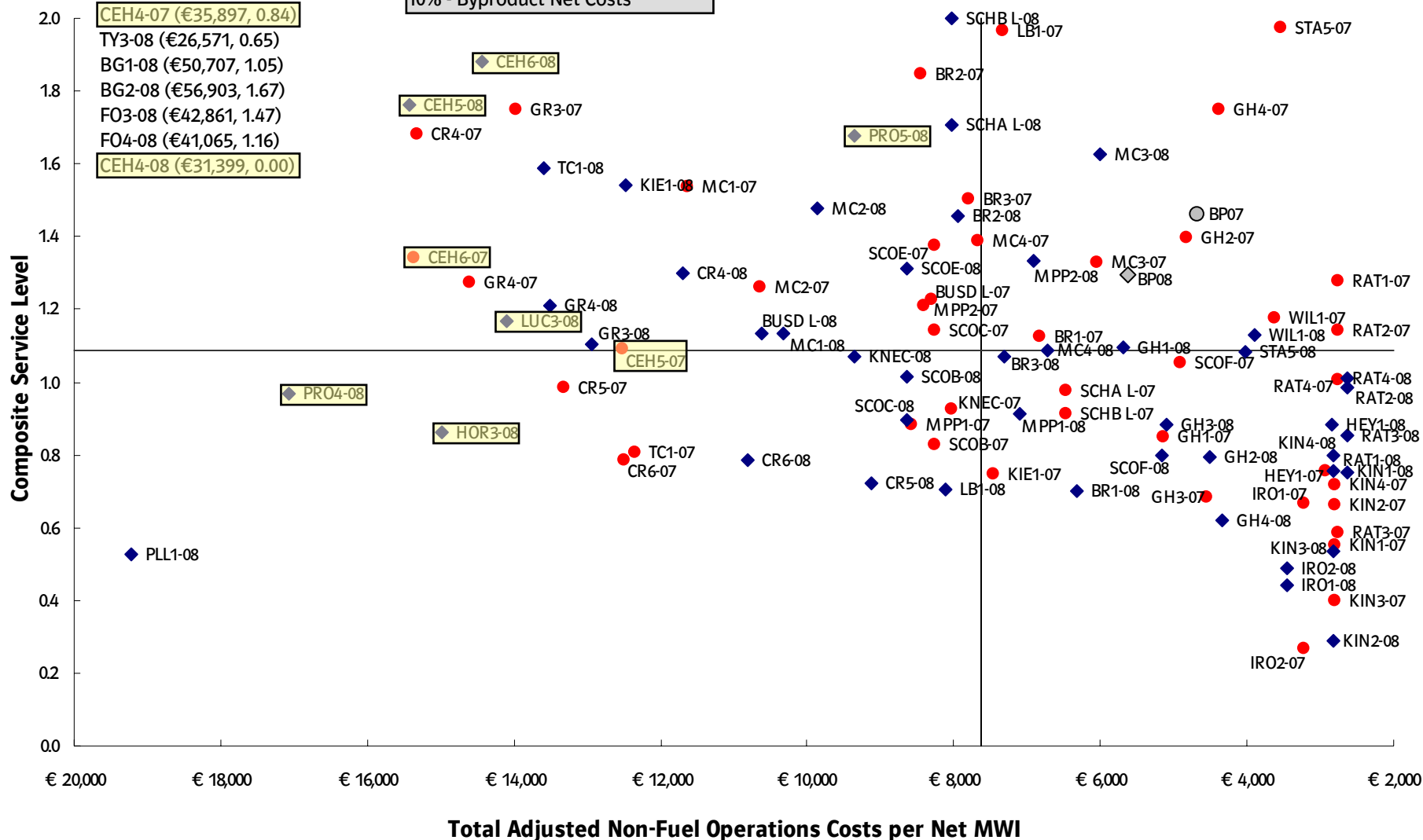
Outliers:

TY3-07 (€27,254, 0.96)
 BG1-07 (€42,165, 1.41)
 BG2-07 (€38,443, 1.19)
 FO3-07 (€41,660, 1.82)
 FO4-07 (€38,550, 1.40)
CEH4-07 (€35,897, 0.84)
 TY3-08 (€26,571, 0.65)
 BG1-08 (€50,707, 1.05)
 BG2-08 (€56,903, 1.67)
 FO3-08 (€42,861, 1.47)
 FO4-08 (€41,065, 1.16)
CEH4-08 (€31,399, 0.00)

Service Level Driver:

30% - Unplanned Unavailability
 30% - Availability
 15% - # of Environmental Incidents
 15% - # of Hot Starts
 10% - Byproduct Net Costs

● 2007 Data
 ◆ 2008 Data



◆ 2008 Data

CEH4-07 (€51,779, 0.50)
CEH4-08 (€56,145, 0.32)

40% - 3 Year Unplanned Unavailability
40% - 3 Year Availability
20% - Ratio of Corrective Work Orders



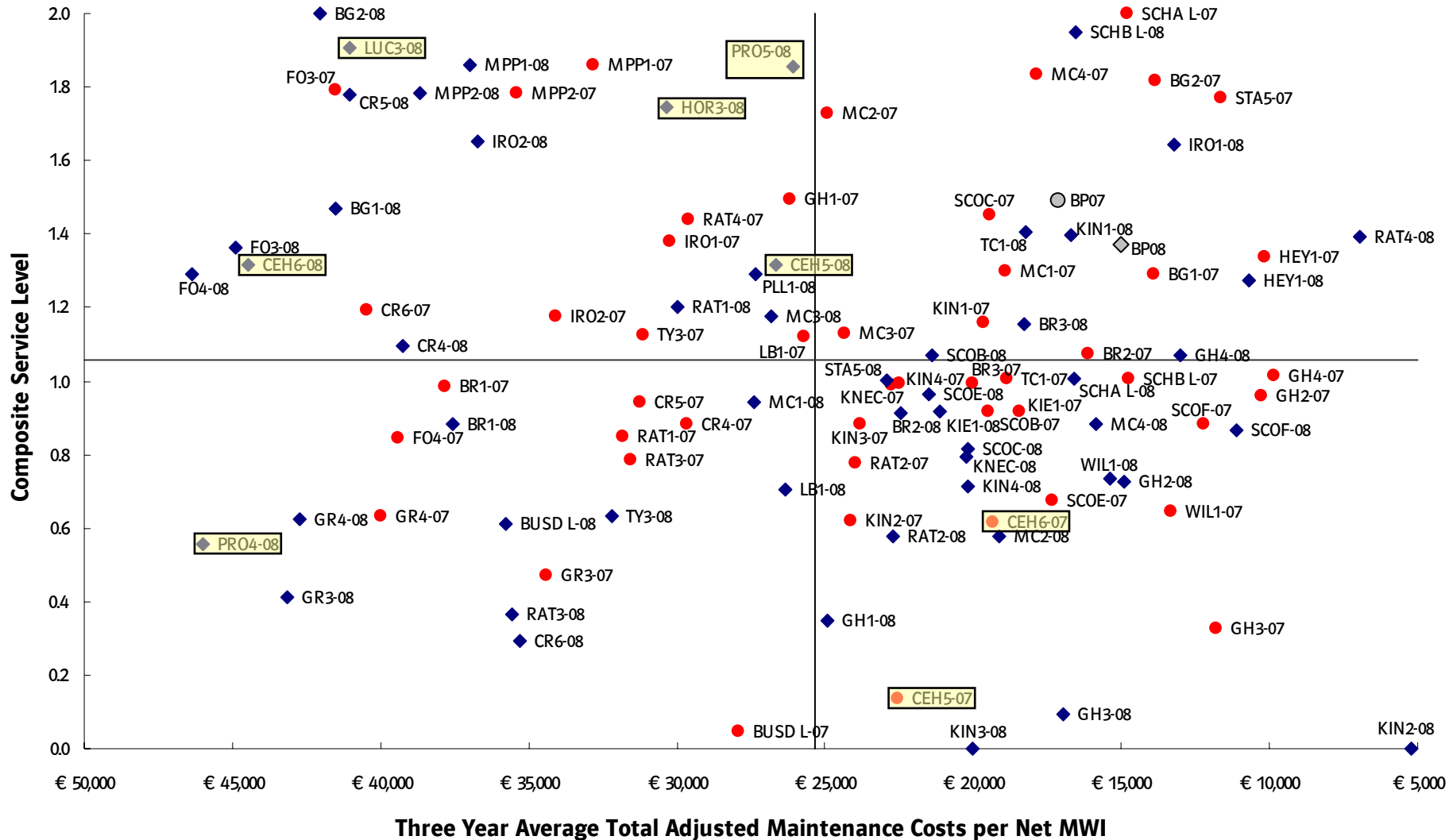
● 2007 Data
◆ 2008 Data

Outliers:

CEH4-07 (€51,779, 0.73)
CEH4-08 (€56,145, 0.82)

Service Level Driver:

33% - Outage Schedule Deviation
33% - Outage Budget Deviation
33% - Unplanned Unavailability w/in 90 Days



Three Year Average Total Adjusted Maintenance Costs per Net MWI

Report Update for EFR: Labor Adjuster Changed from 1.9389 to 1.2847

● 2007 Data

◆ 2008 Data

Outliers:

BG07 (€16.39, 1.50)

CEH07 (€13.13, 0.43)

CEH08 (€13.05, 0.74)

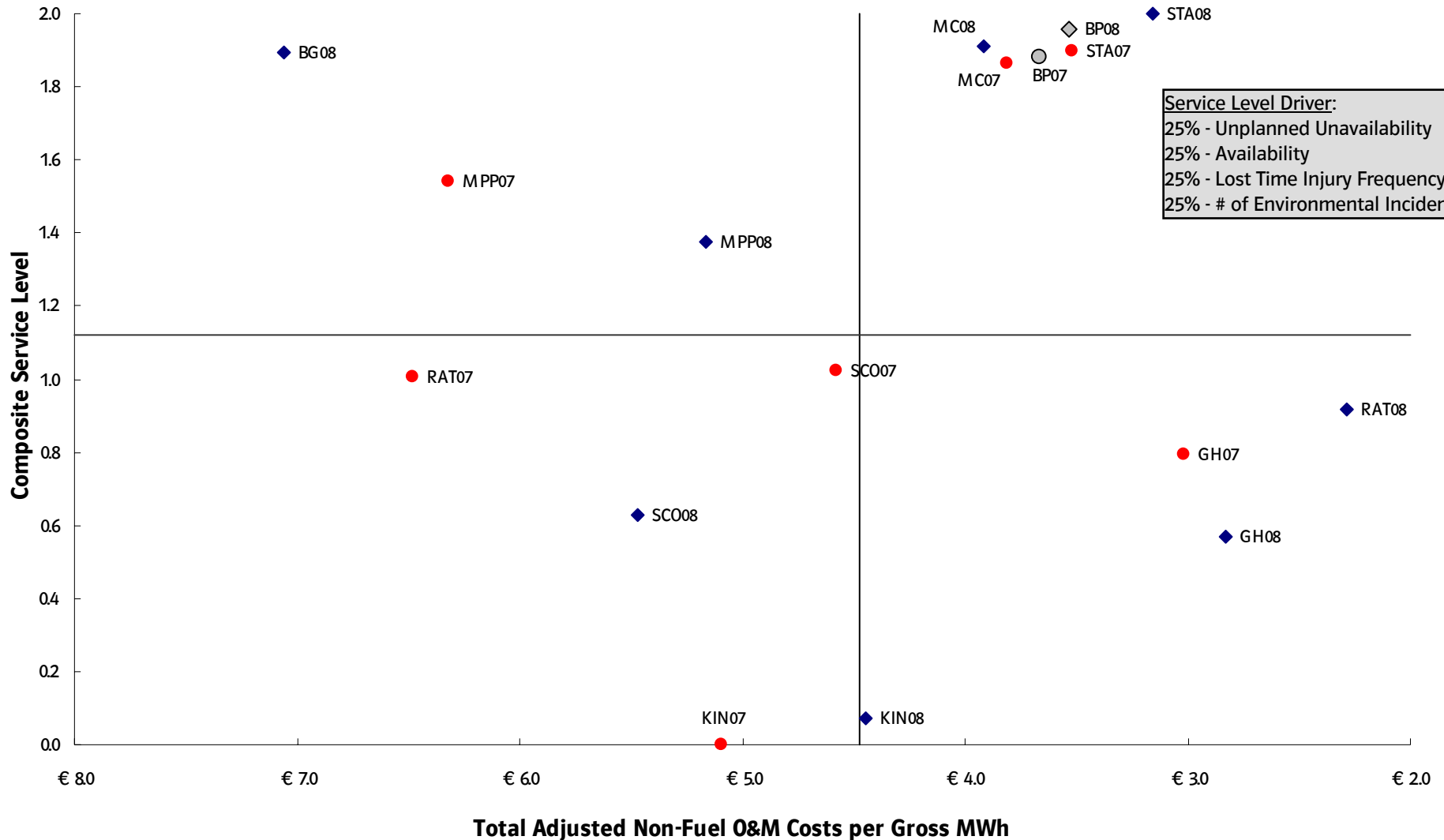
Service Level Driver:

25% - Unplanned Unavailability

25% - Availability

25% - Lost Time Injury Frequency

25% - # of Environmental Incidents



Normalized Performance of Materials Handling

Coal/Lignite Plants 1000+ MW

● 2007 Data

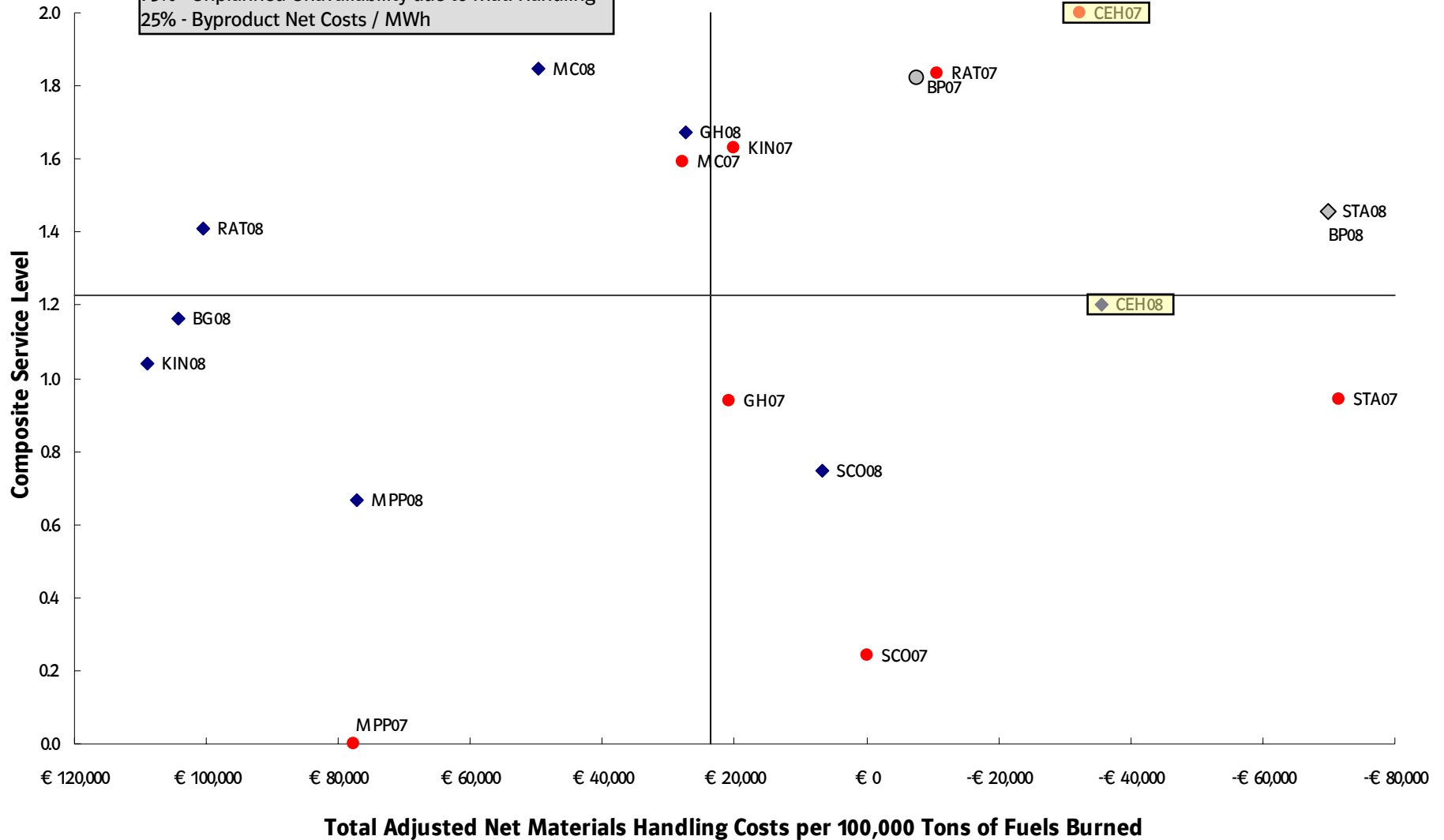
◆ 2008 Data

Outlier:

BG07 (€159,482, 2.00)

Service Level Driver:

75% - Unplanned Unavailability due to Mat. Handling
25% - Byproduct Net Costs / MWh

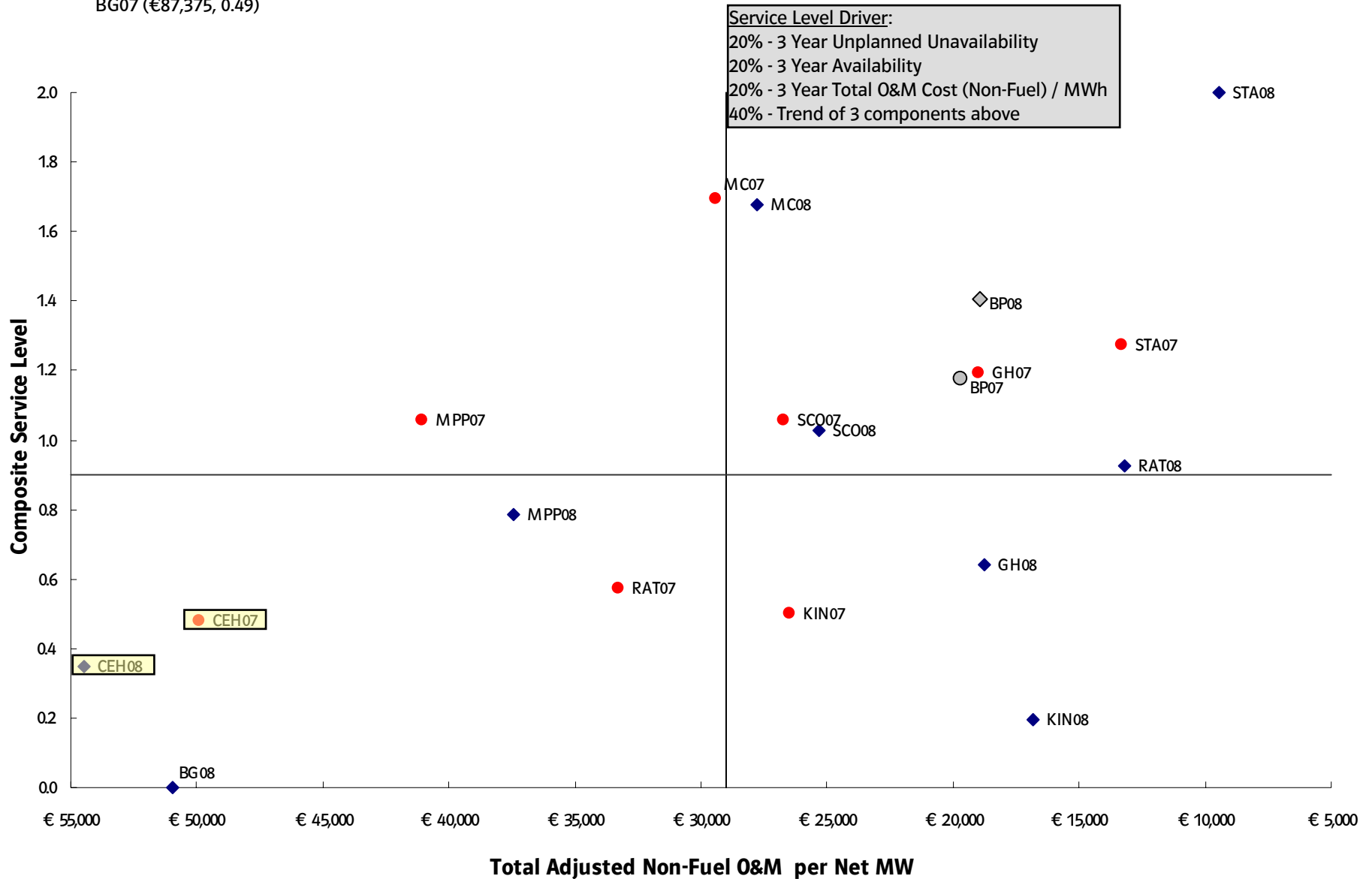


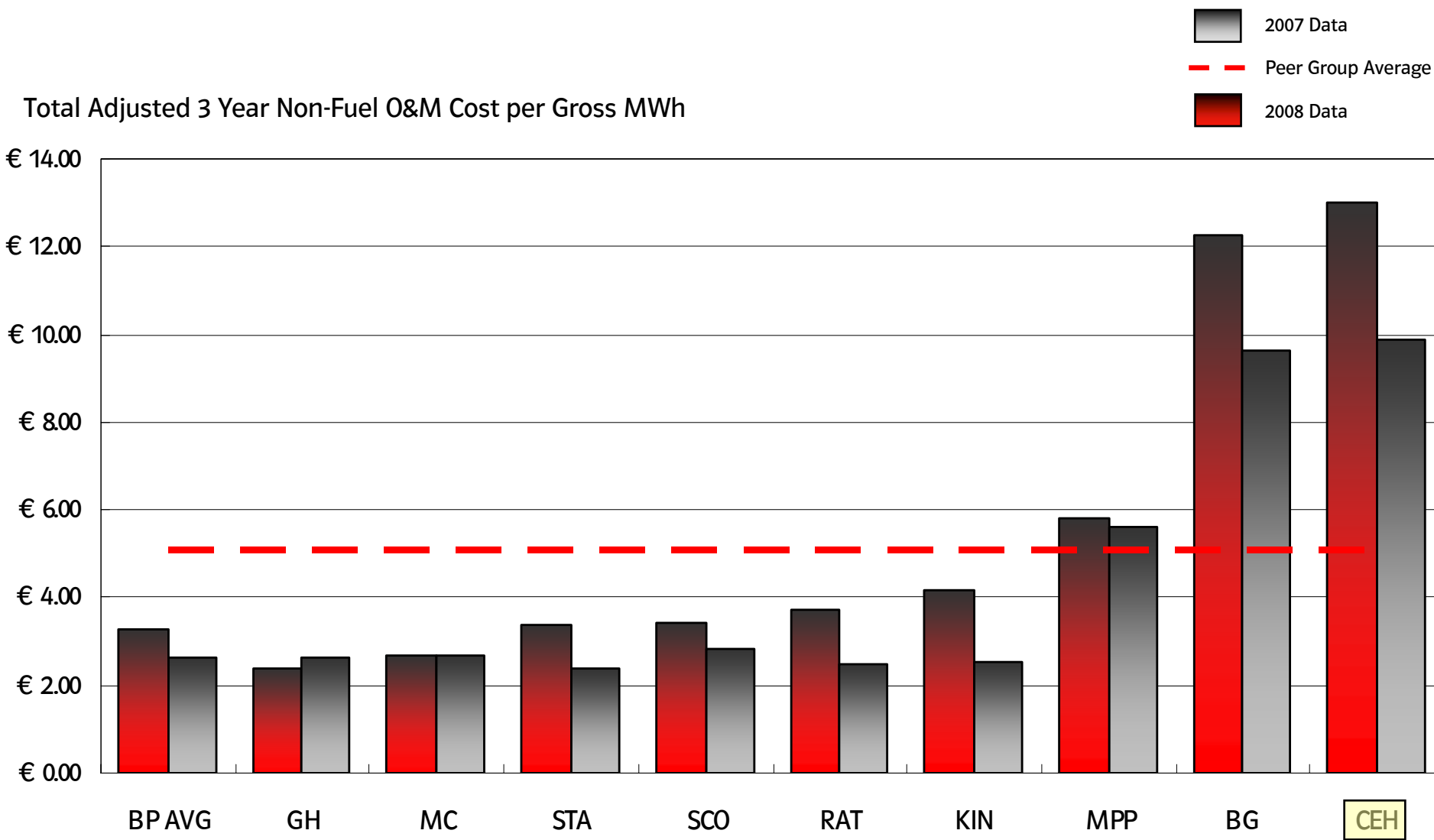
● 2007 Data

◆ 2008 Data

Outlier:
BG07 (€87,375, 0.49)

Service Level Driver:
20% - 3 Year Unplanned Unavailability
20% - 3 Year Availability
20% - 3 Year Total O&M Cost (Non-Fuel) / MWh
40% - Trend of 3 components above

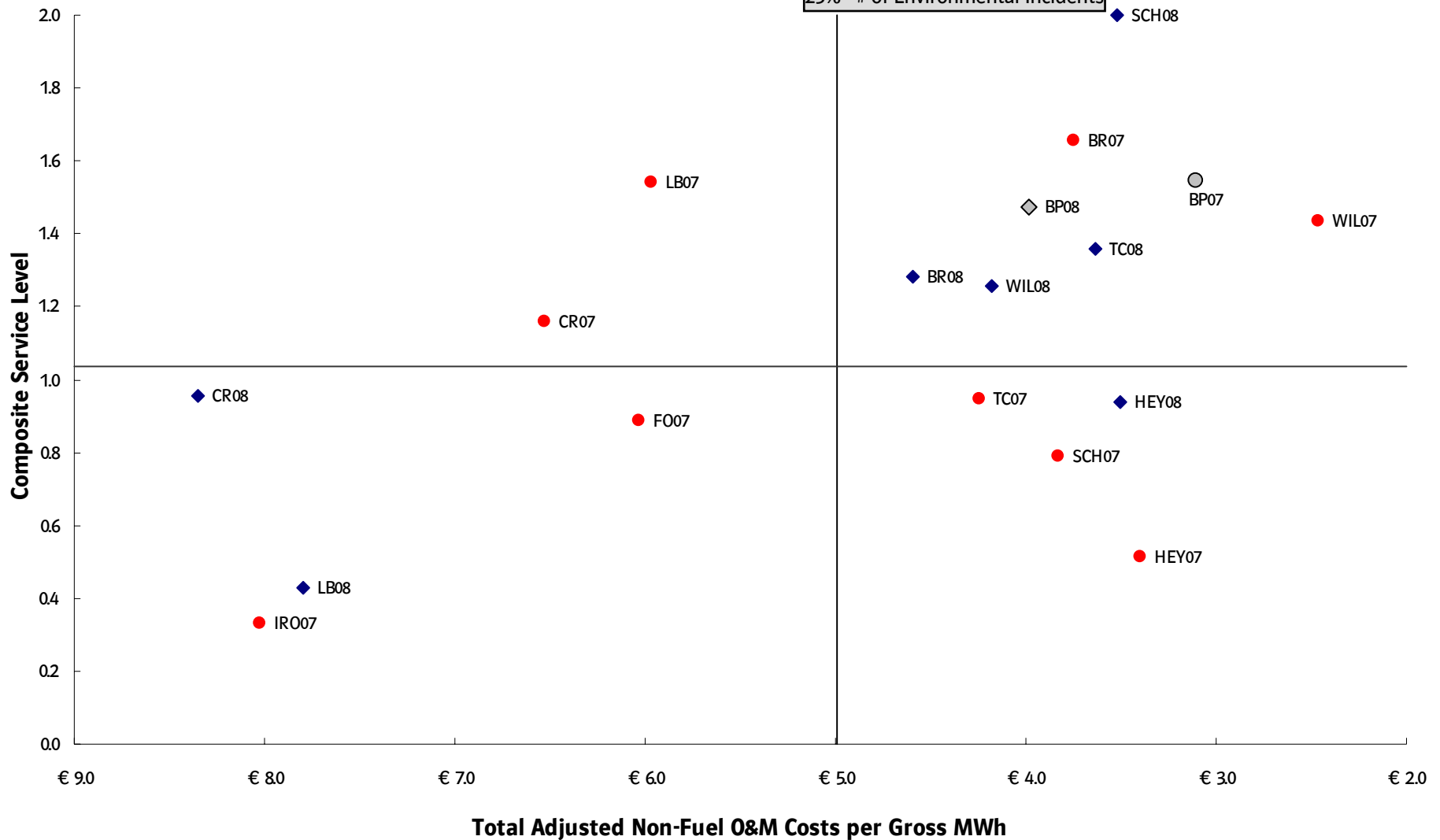




● 2007 Data
◆ 2008 Data

Outliers:
IRO08 (€10.57, 0.00)
FO08 (€9.46, 1.01)
PRO08 (€11.35, 1.16)

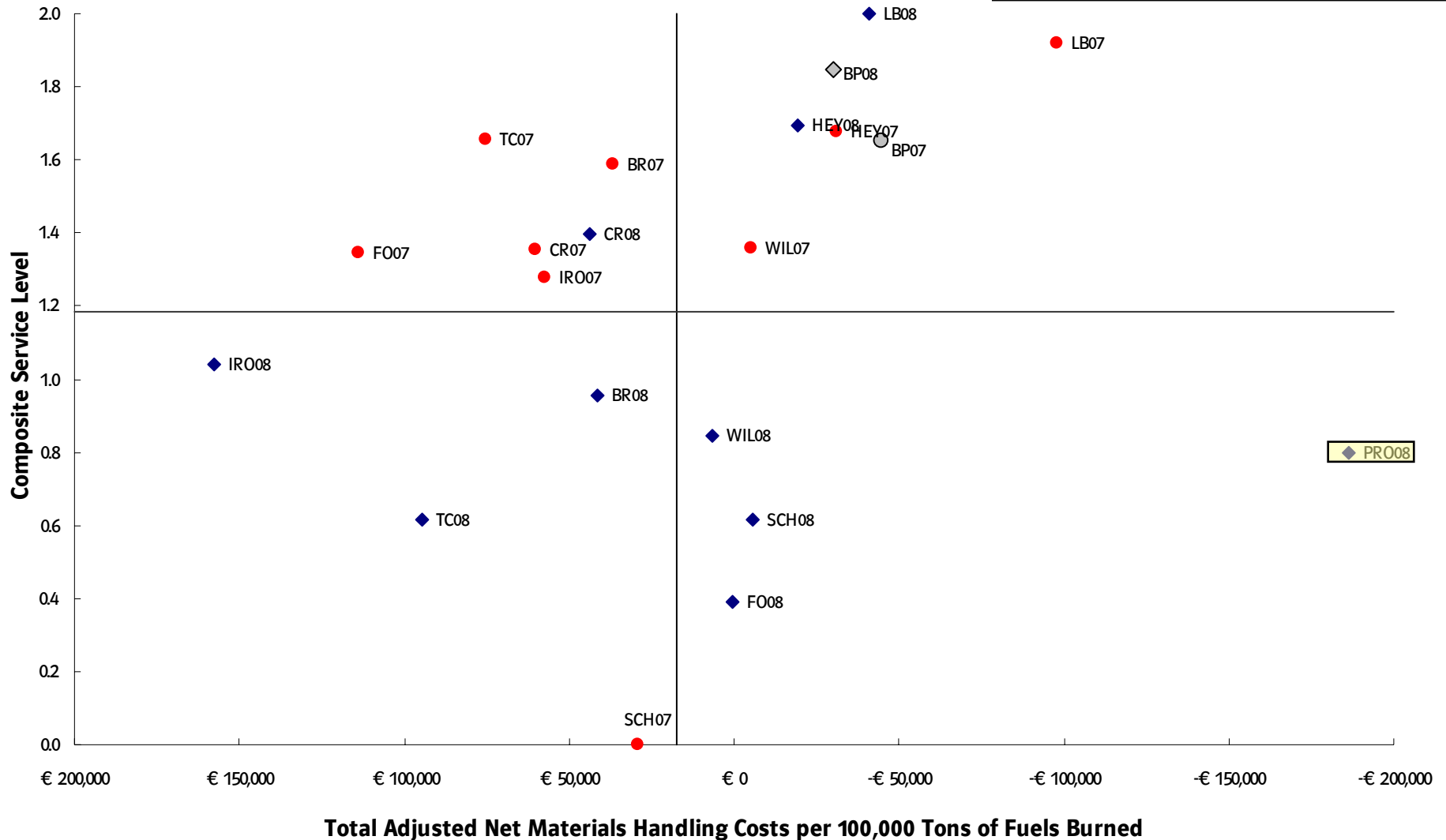
Service Level Driver:
25% - Unplanned Unavailability
25% - Availability
25% - Lost Time Injury Frequency
25% - # of Environmental Incidents



● 2007 Data

◆ 2008 Data

Service Level Driver:
75% - Unplanned Unavailability due to Mat. Handling
25% - Byproduct Net Costs / MWh

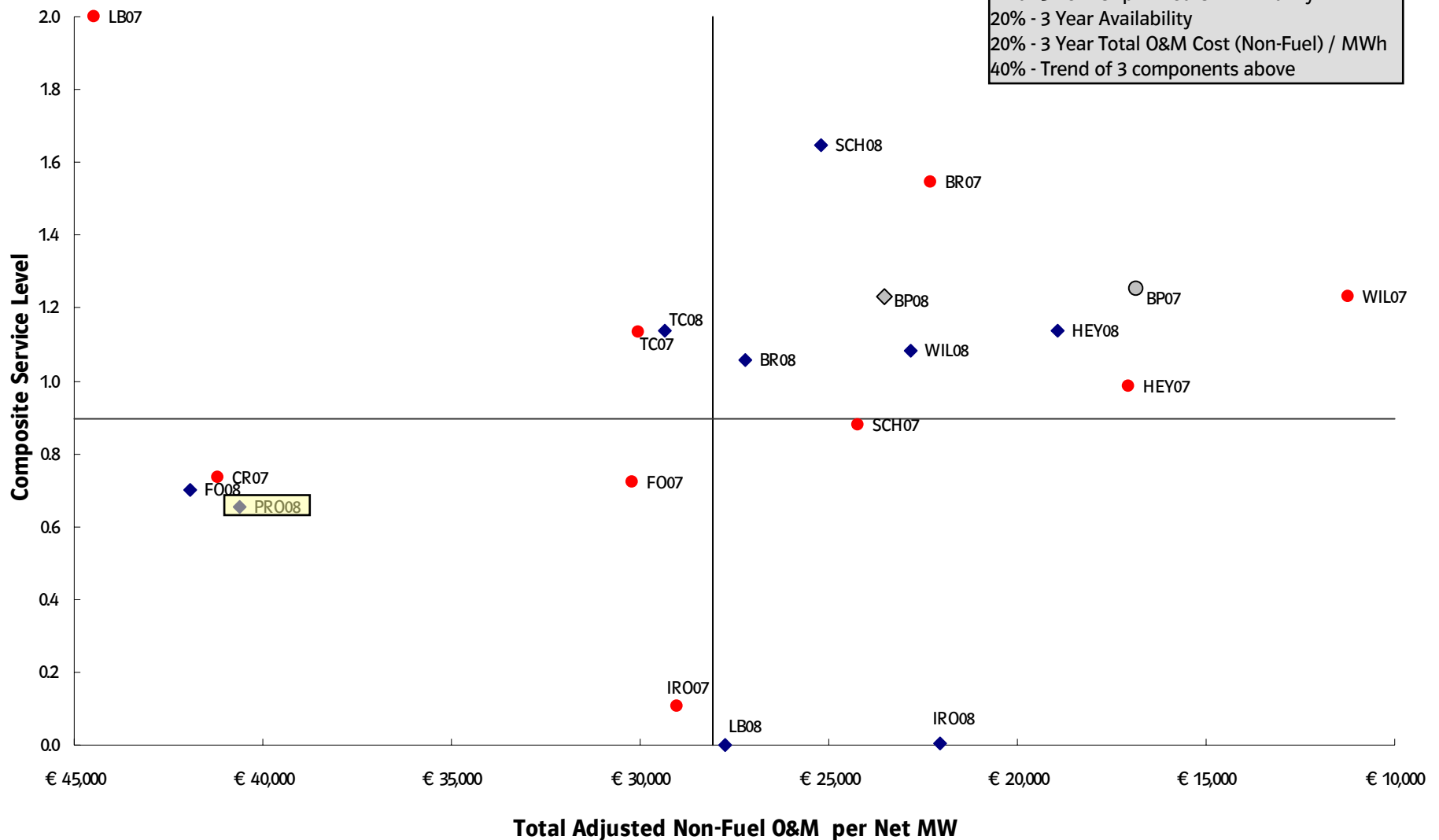


● 2007 Data

◆ 2008 Data

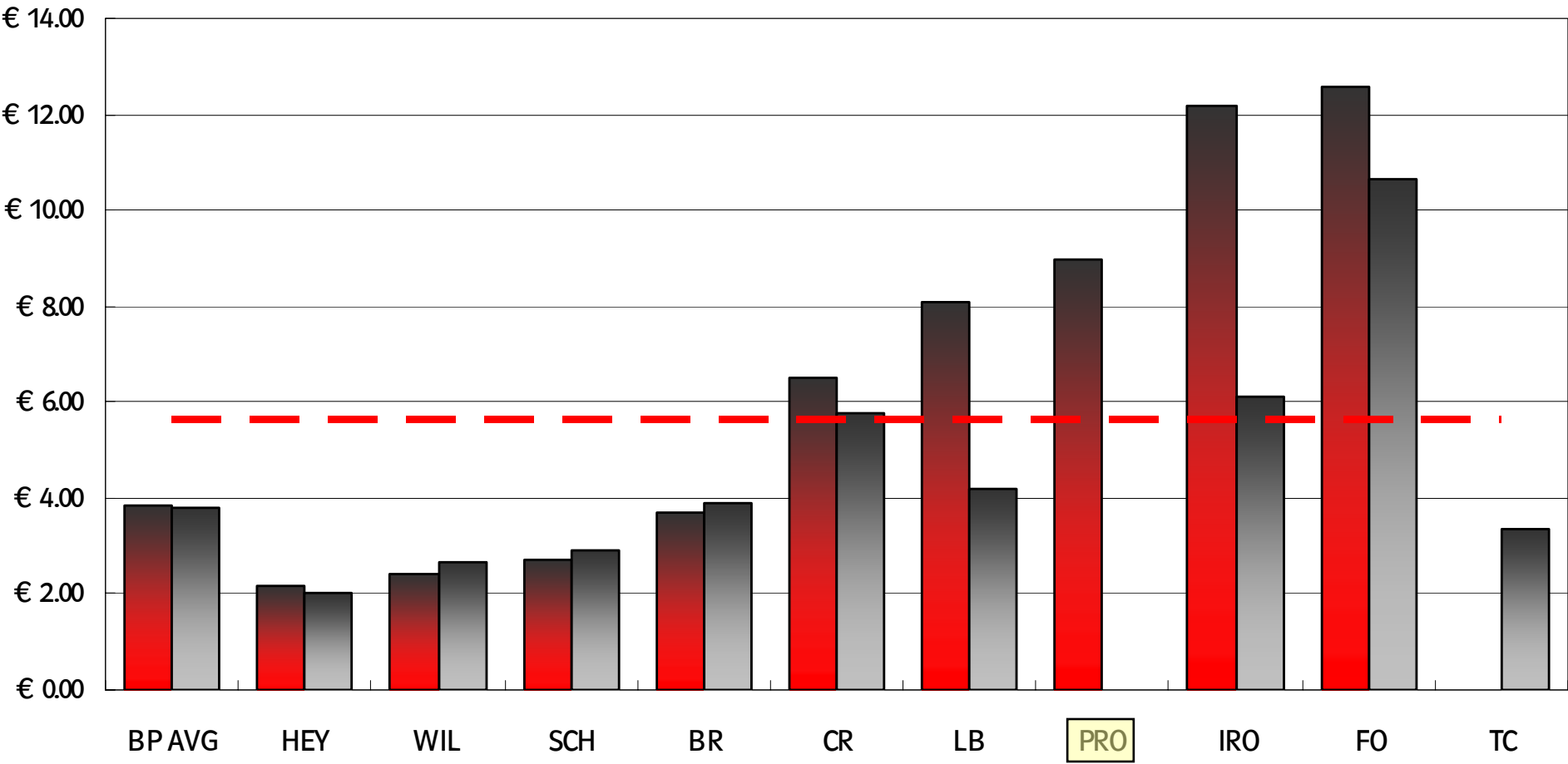
Outlier:
CR08 (€50,798, 0.28)

Service Level Driver:
20% - 3 Year Unplanned Unavailability
20% - 3 Year Availability
20% - 3 Year Total O&M Cost (Non-Fuel) / MWh
40% - Trend of 3 components above



Total Adjusted 3 Year Non-Fuel O&M Cost per Gross MWh

- 2007 Data
- Peer Group Average
- 2008 Data

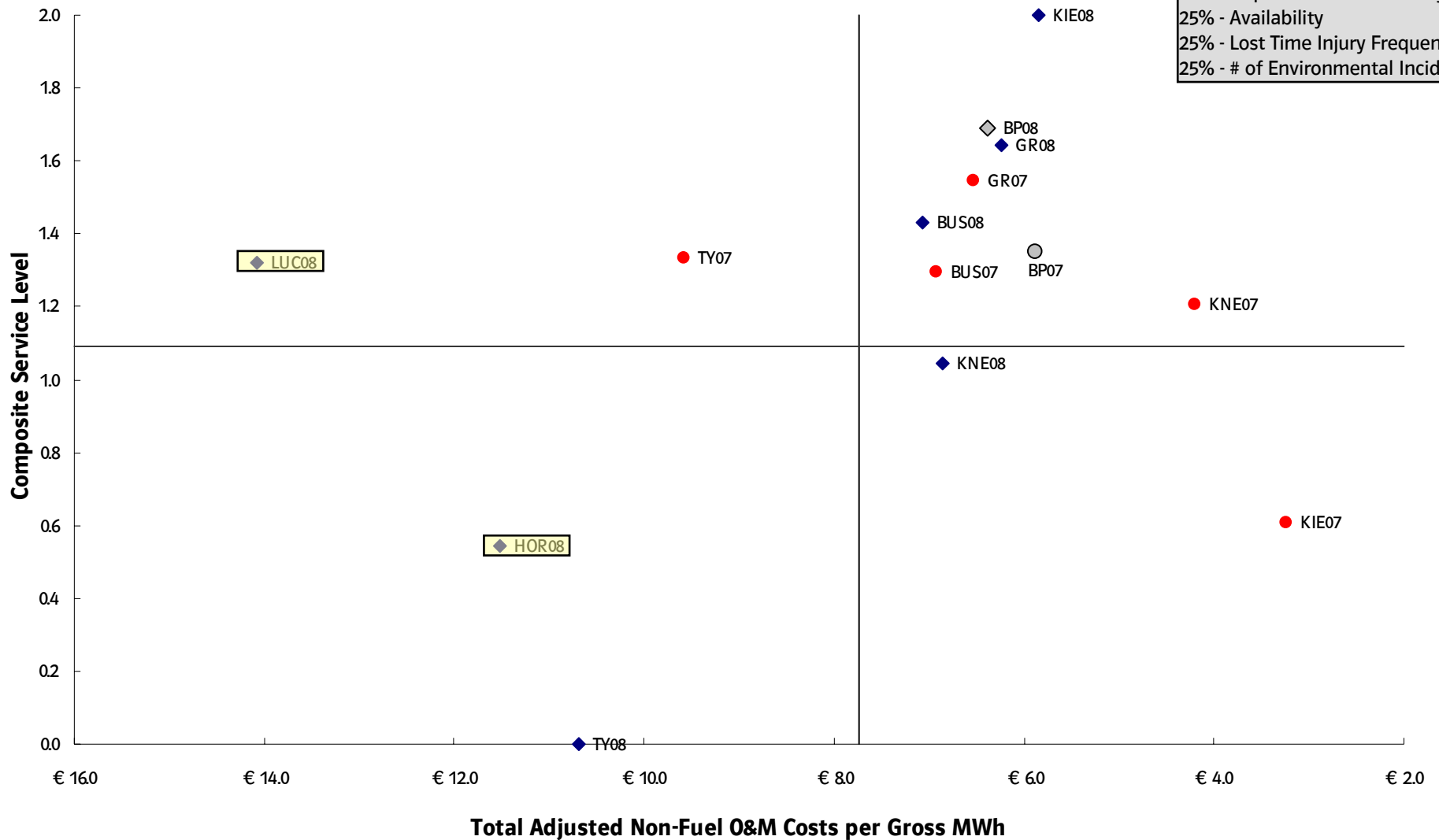


● 2007 Data

◆ 2008 Data

Outlier:
PLL08 (€19.85, 0.20)

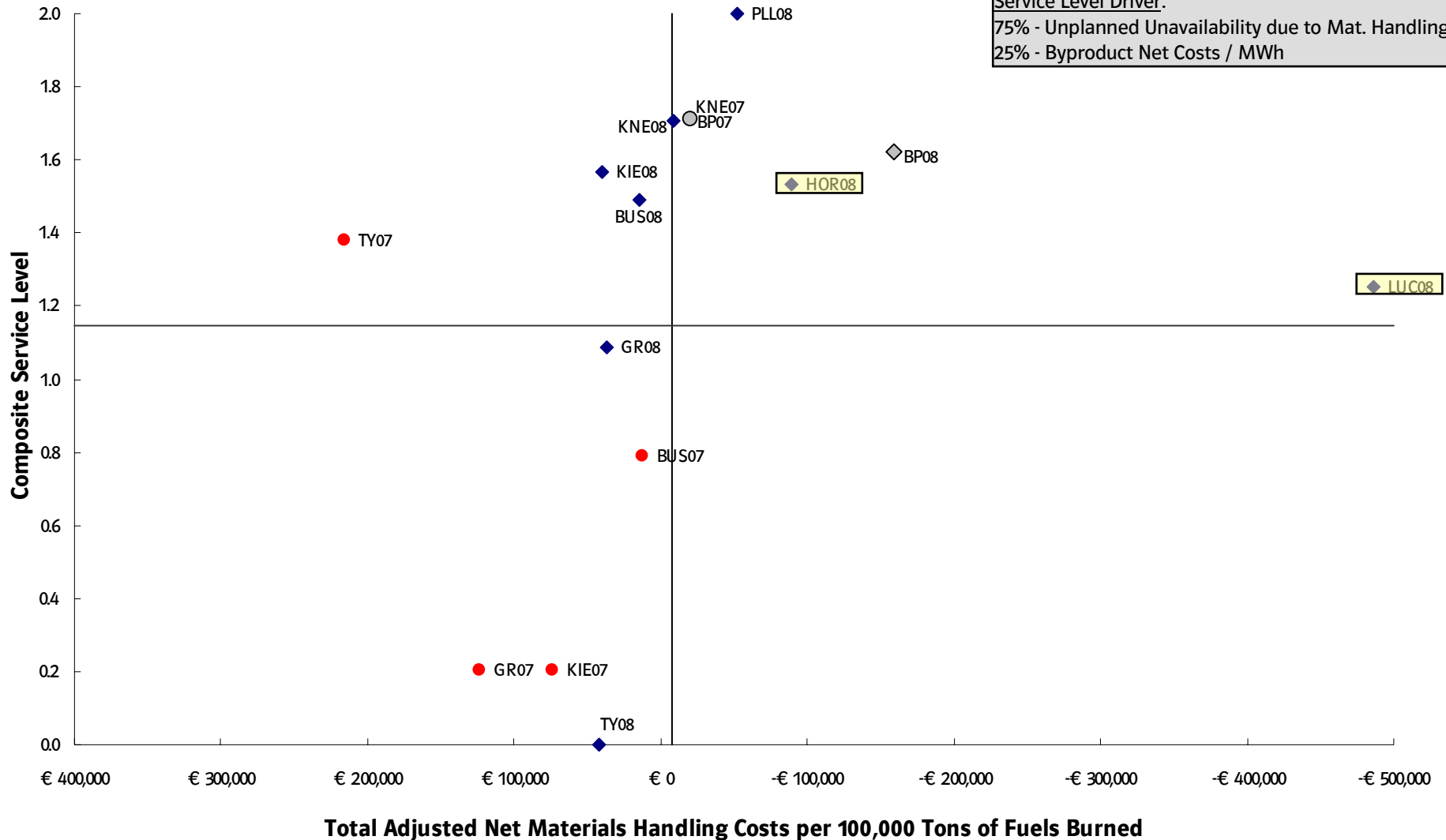
Service Level Driver:
25% - Unplanned Unavailability
25% - Availability
25% - Lost Time Injury Frequency
25% - # of Environmental Incidents



● 2007 Data

◆ 2008 Data

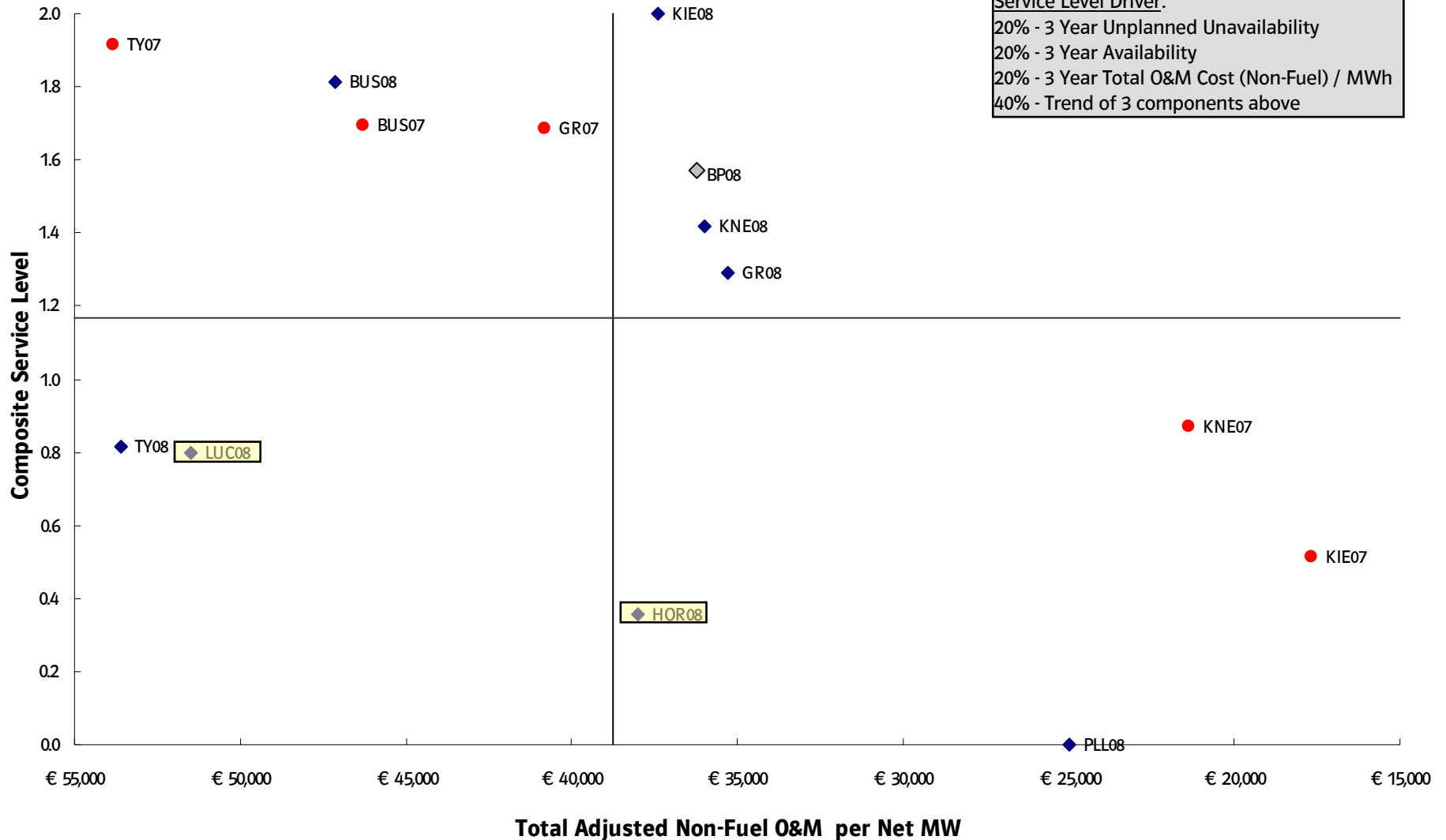
Service Level Driver:
75% - Unplanned Unavailability due to Mat. Handling
25% - Byproduct Net Costs / MWh



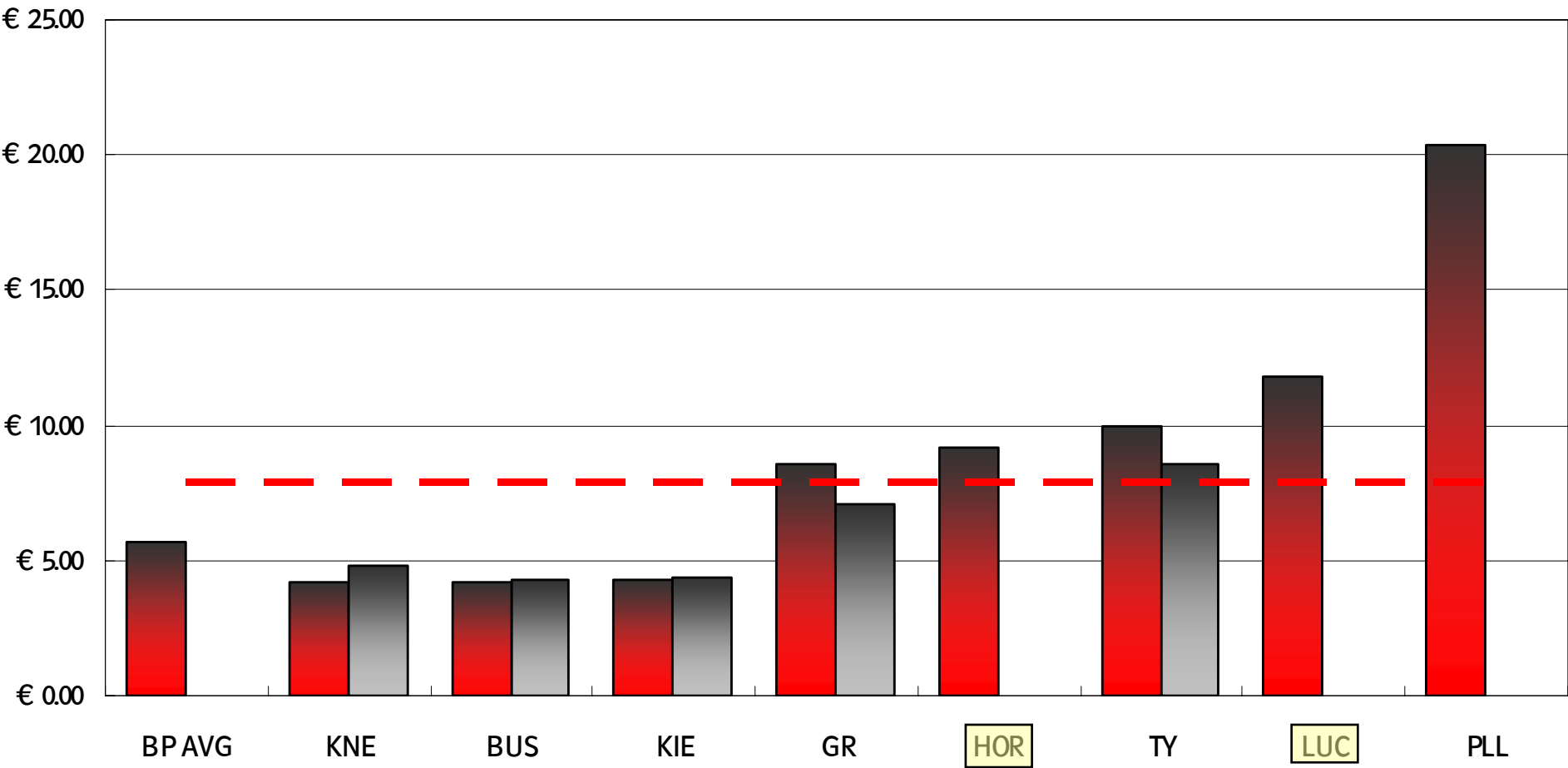
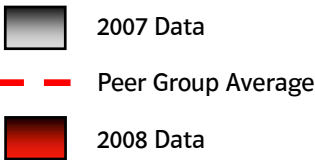
● 2007 Data

◆ 2008 Data

Service Level Driver:
 20% - 3 Year Unplanned Unavailability
 20% - 3 Year Availability
 20% - 3 Year Total O&M Cost (Non-Fuel) / MWh
 40% - Trend of 3 components above



Total Adjusted 3 Year Non-Fuel O&M Cost per Gross MWh



Normalized Performance of Unit Operations

Coal/Lignite Units 500+ MW

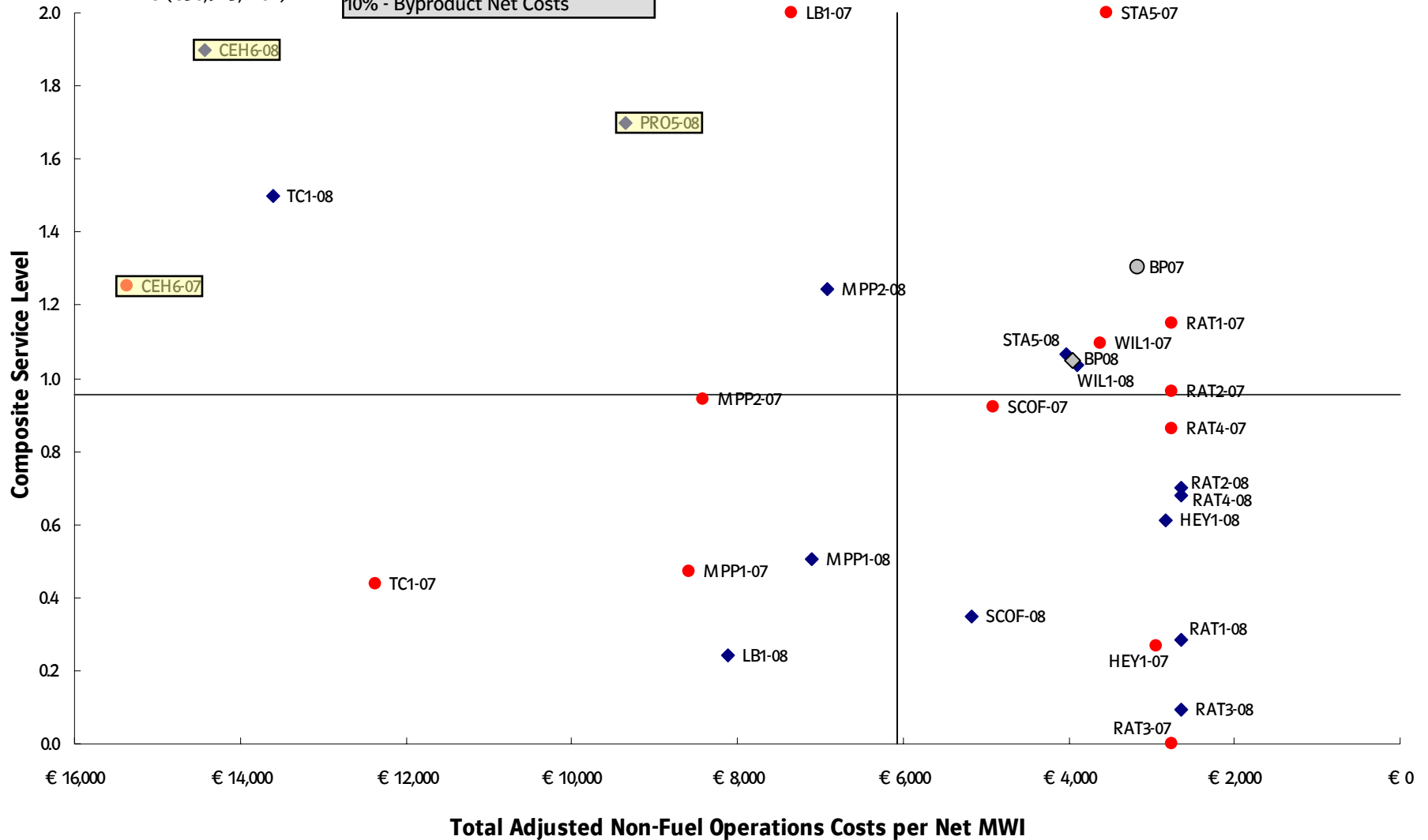
● 2007 Data
◆ 2008 Data

Outliers:

BG1-07 (€42,165, 1.37)
BG2-07 (€38,443, 1.20)
BG1-08 (€50,707, 0.97)
BG2-08 (€56,903, 1.67)

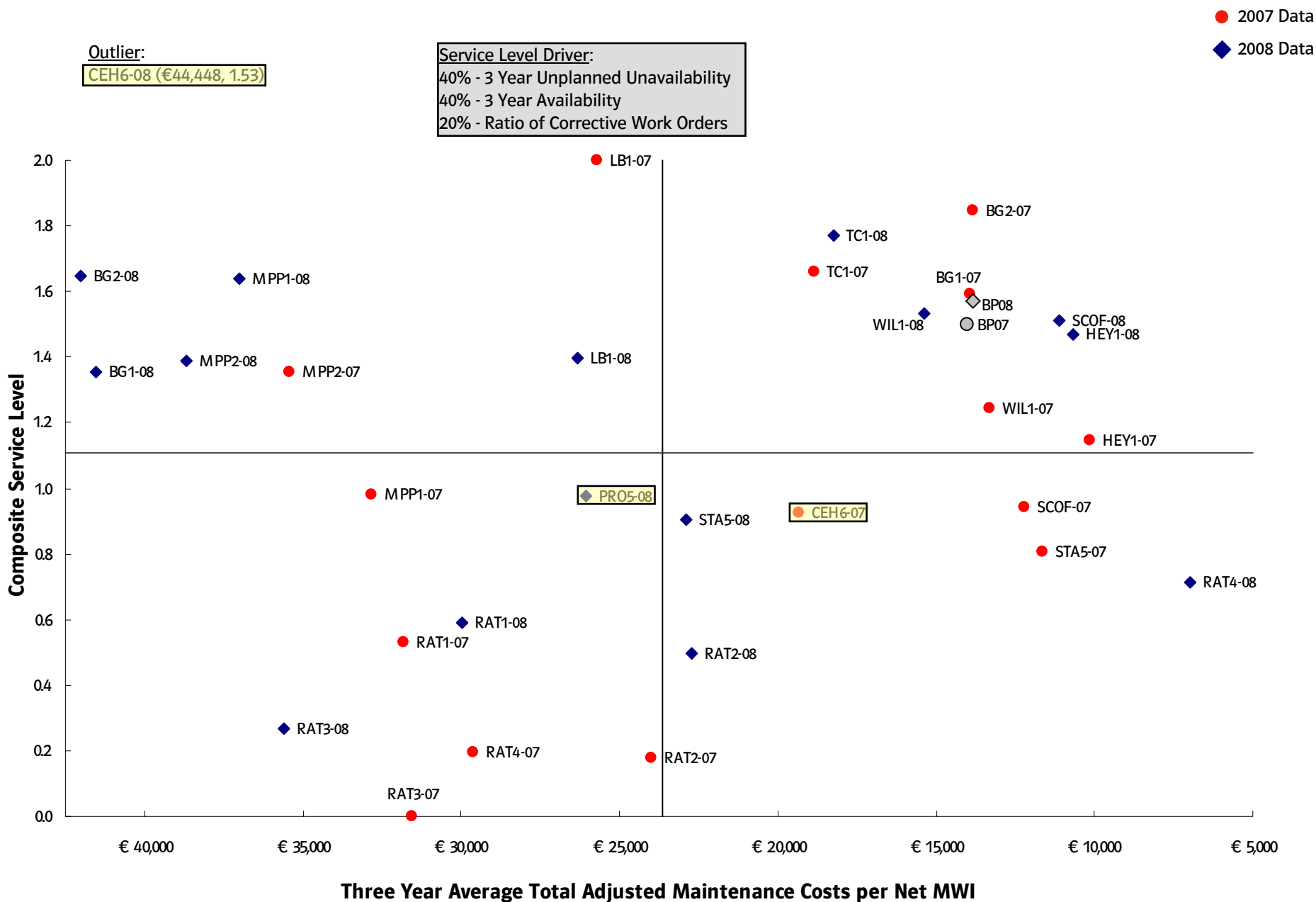
Service Level Driver:

30% - Unplanned Unavailability
30% - Availability
15% - # of Environmental Incidents
15% - # of Hot Starts
10% - Byproduct Net Costs



Total Adjusted Non-Fuel Operations Costs per Net MWI

Report Update for EFR: Labor Adjuster Changed from 1.9389 to 1.2847

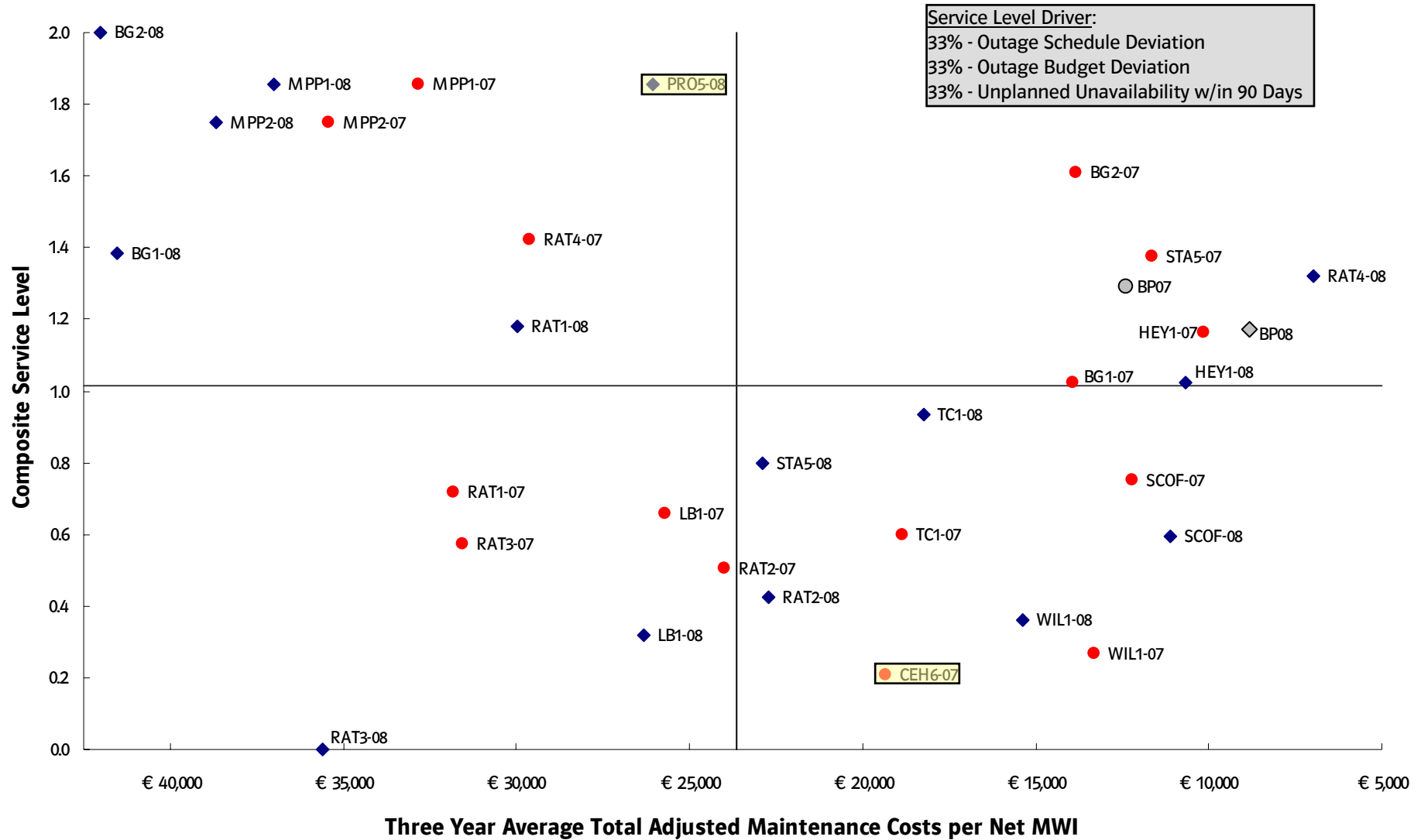


● 2007 Data

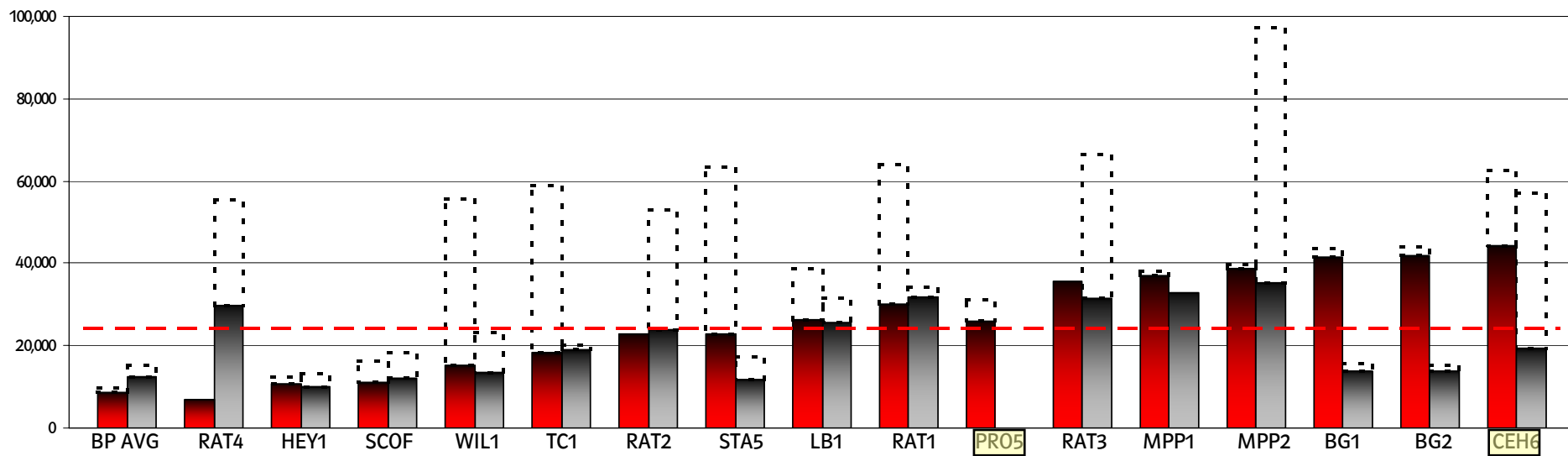
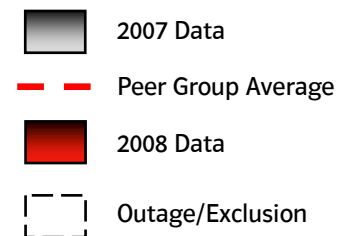
◆ 2008 Data

Outlier:

CEH6-08 (€44,448, 1.20)



Total Adjusted 3 Year Maintenance Costs per Net MWI



● 2007 Data

◆ 2008 Data

Outliers:

BG1-08 (€50,707, 0.00)

BG2-08 (€58,903, 0.35)

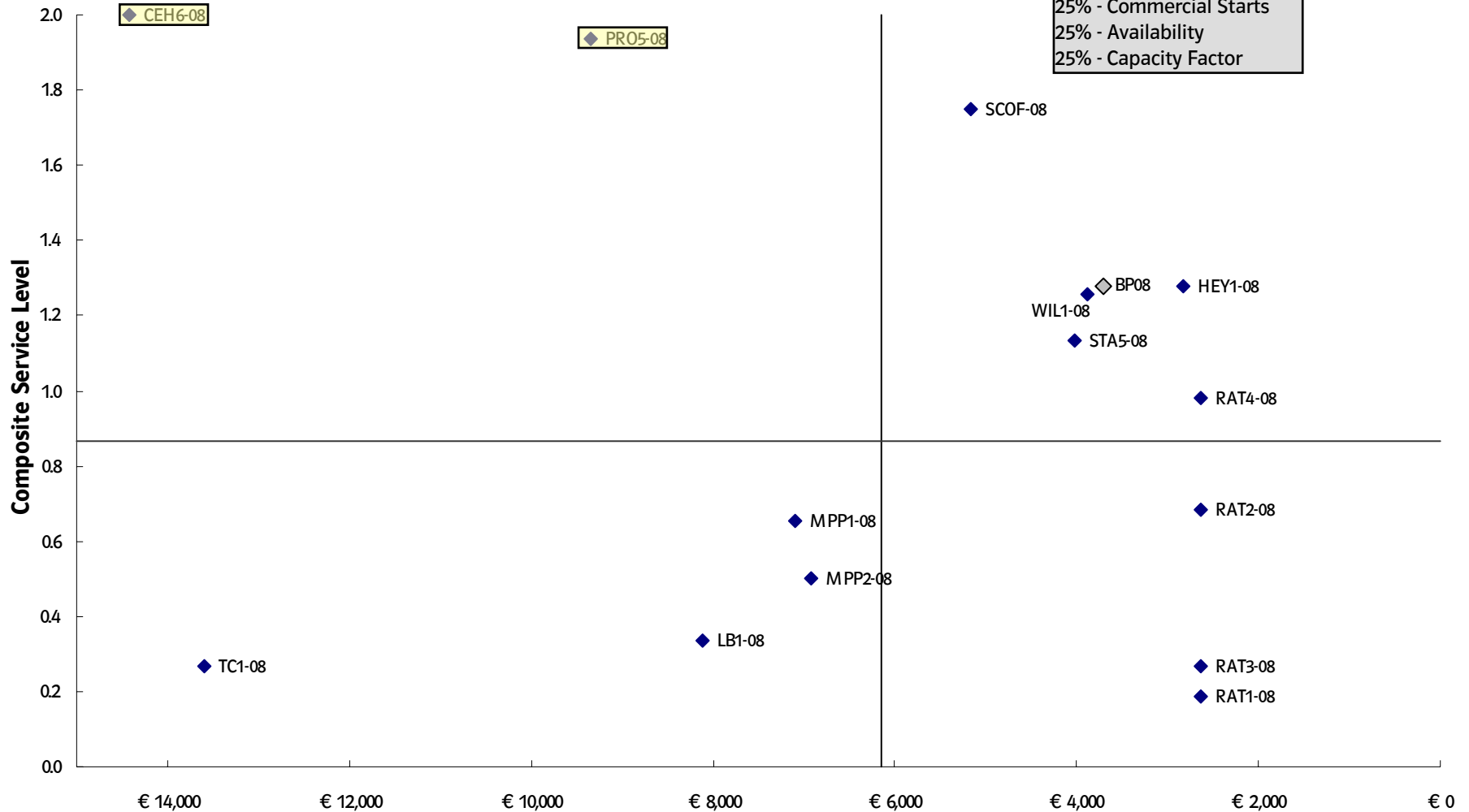
Service Level Driver:

25% - Startup to Trip Ratio

25% - Commercial Starts

25% - Availability

25% - Capacity Factor



Total Adjusted Non-Fuel Operations Costs per Net MWI

● 2007 Data

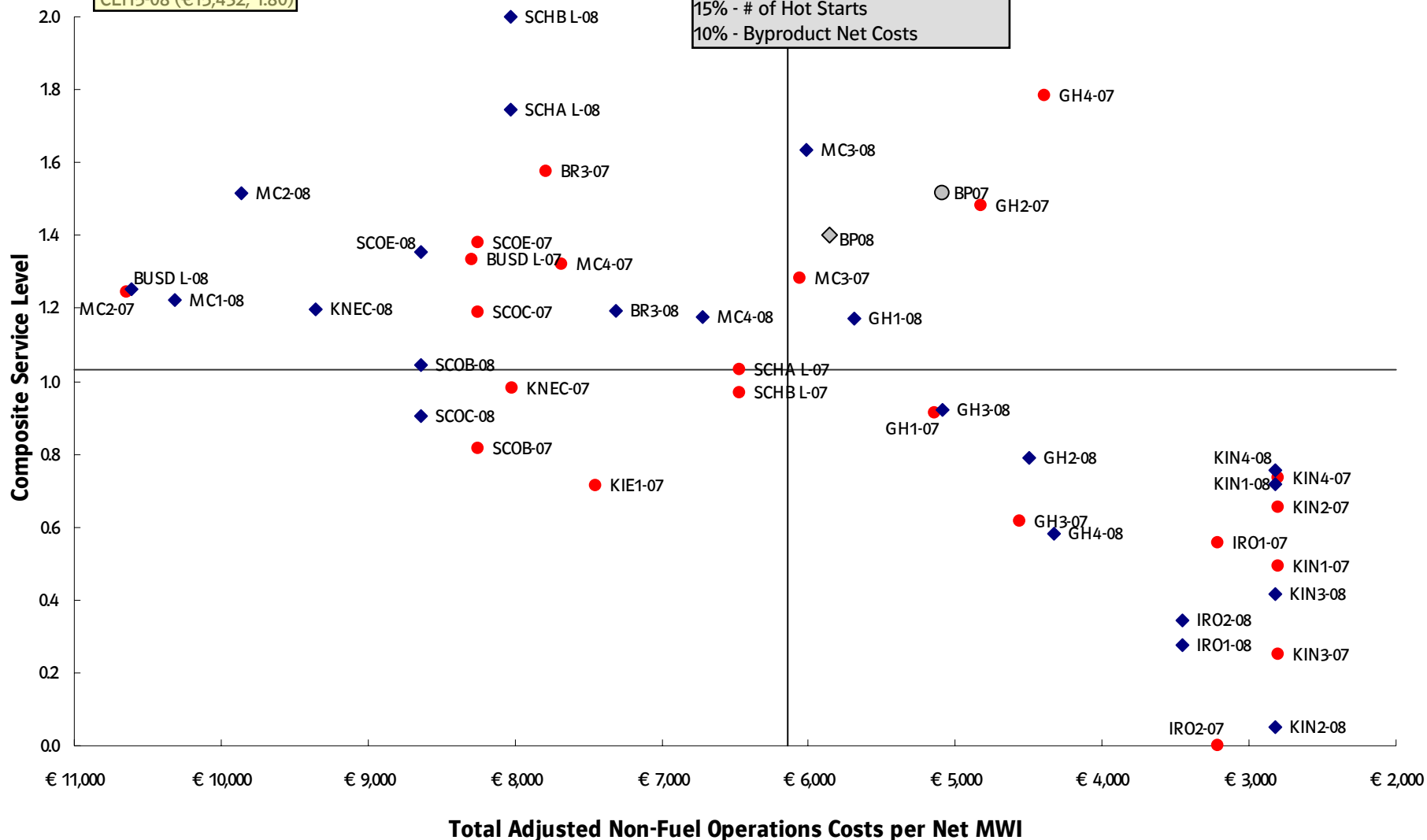
◆ 2008 Data

Outliers:

MC1-07 (€11,639, 1.46)
 CEH5-07 (€12,526, 1.16)
 KIE1-08 (€12,483, 1.60)
 CEH5-08 (€15,432, 1.80)

Service Level Driver:

30% - Unplanned Unavailability
 30% - Availability
 15% - # of Environmental Incidents
 15% - # of Hot Starts
 10% - Byproduct Net Costs



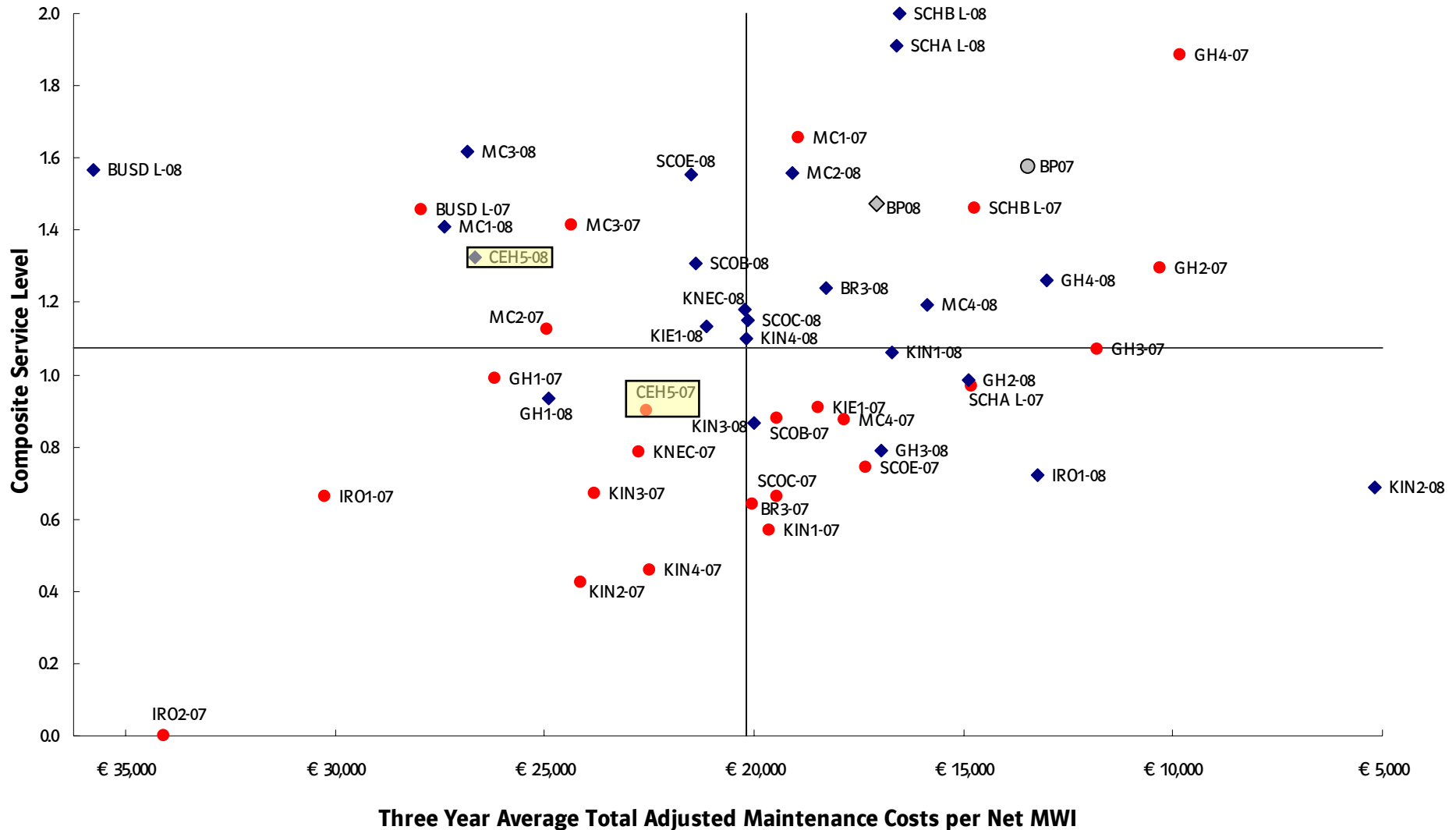
Total Adjusted Non-Fuel Operations Costs per Net MWI

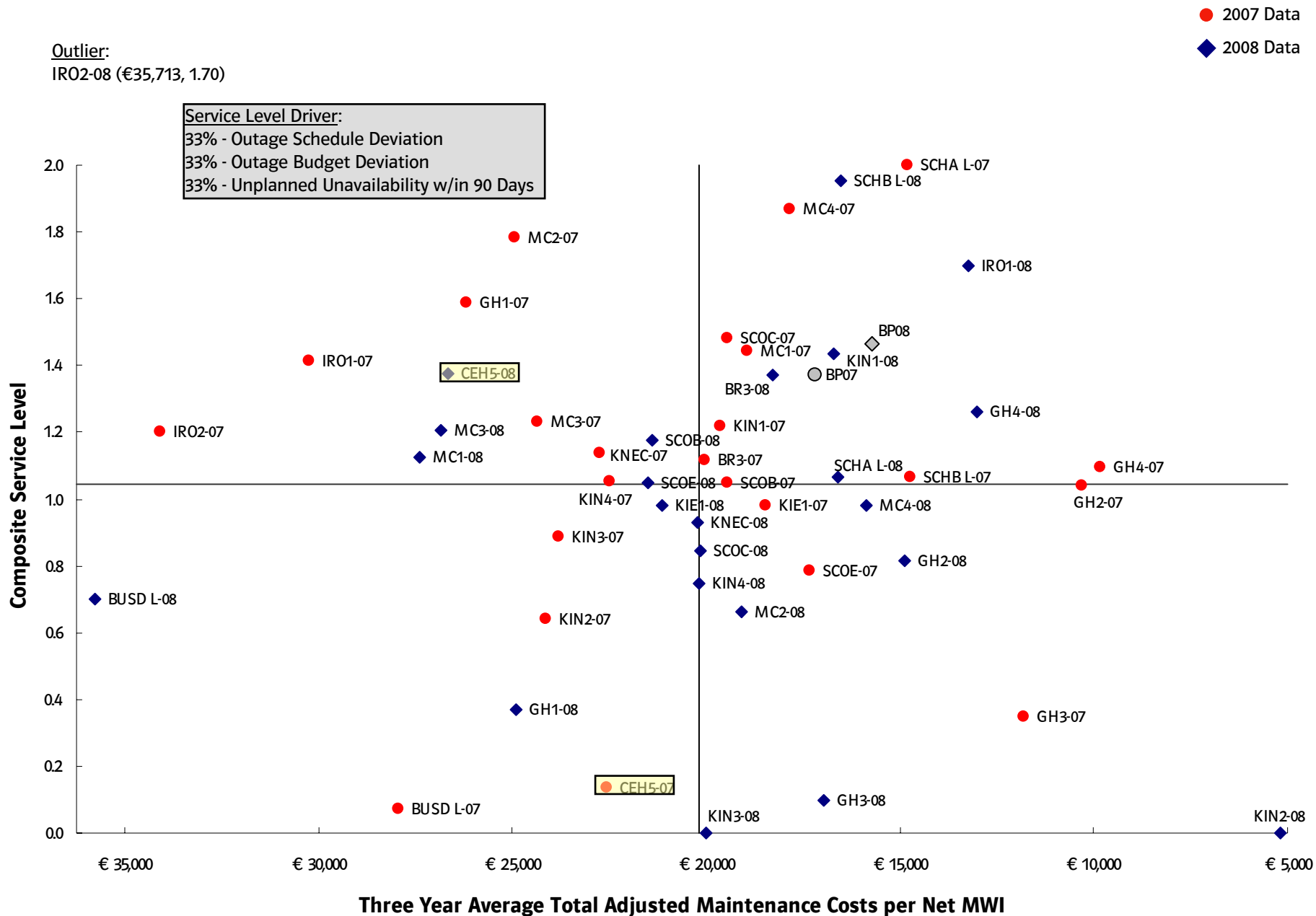
● 2007 Data

◆ 2008 Data

Outlier:
IRO2-08 (€35,713, 0.60)

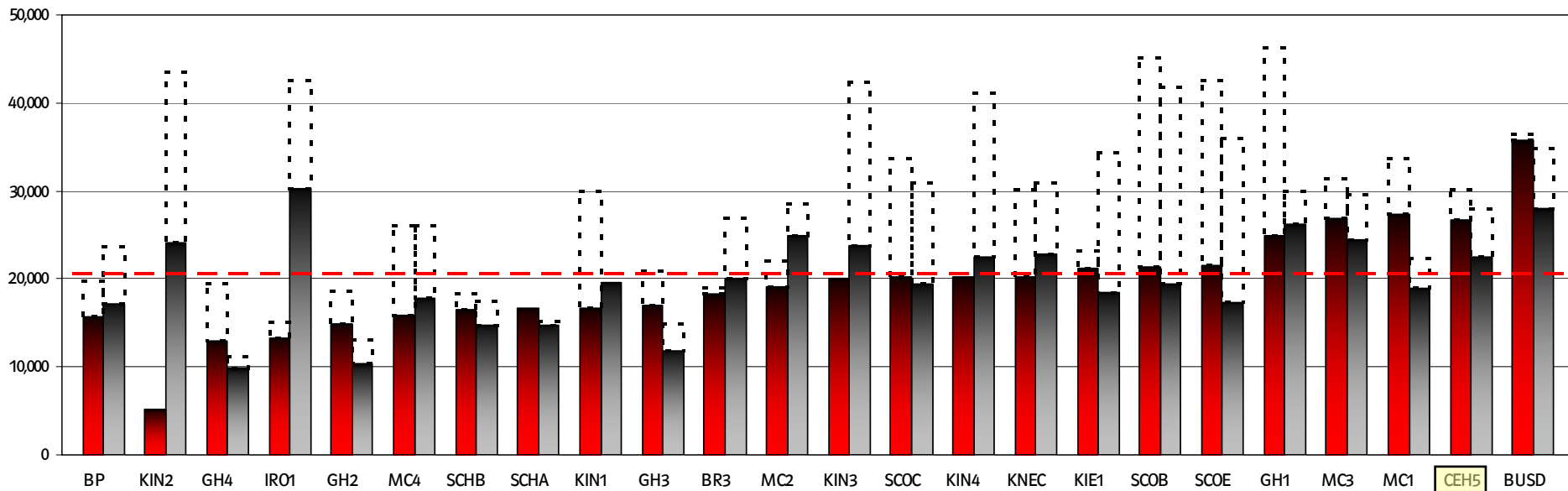
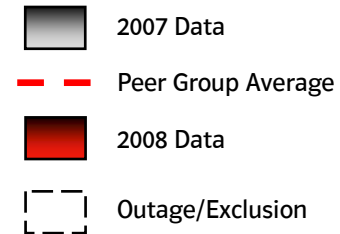
Service Level Driver:
40% - 3 Year Unplanned Unavailability
40% - 3 Year Availability
20% - Ratio of Corrective Work Orders





Three Year Average Total Adjusted Maintenance Costs per Net MWI

Total Adjusted 3 Year Maintenance Costs per Net MWI



● 2007 Data

◆ 2008 Data

Outliers:

KIE1-08 (€12,483, 1.23)

CEH5-08 (€15,432, 1.83)

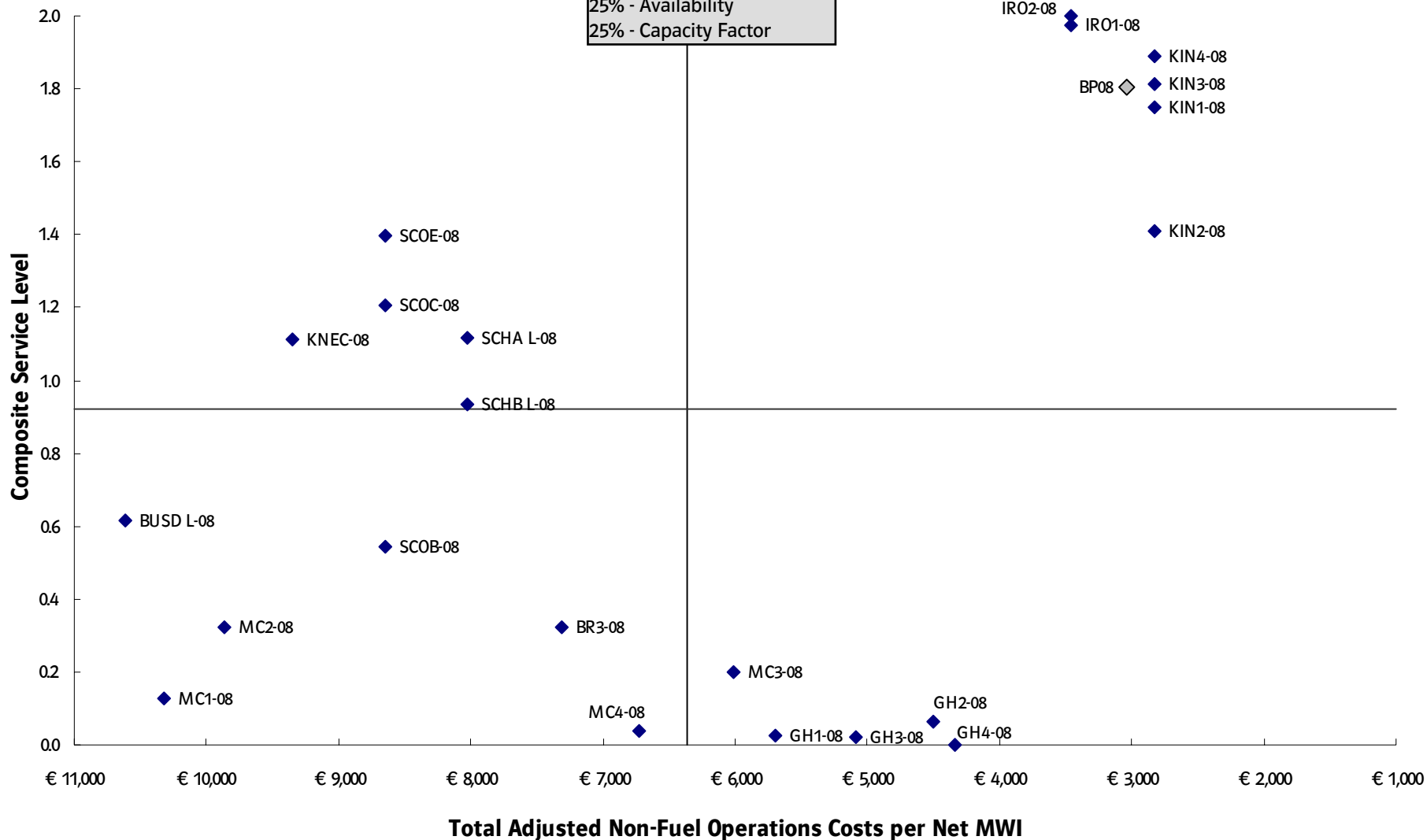
Service Level Driver:

25% - Startup to Trip Ratio

25% - Commercial Starts

25% - Availability

25% - Capacity Factor



Normalized Performance of Unit Operations

Coal/Lignite Units 0-299 MW

● 2007 Data

◆ 2008 Data

Outliers:

FO3-07 (€41,660, 1.91)

FO4-07 (€38,550, 1.45)

CEH4-07 (€35,897, 0.86)

FO3-08 (€42,861, 1.54)

FO4-08 (€41,065, 1.21)

Service Level Driver:

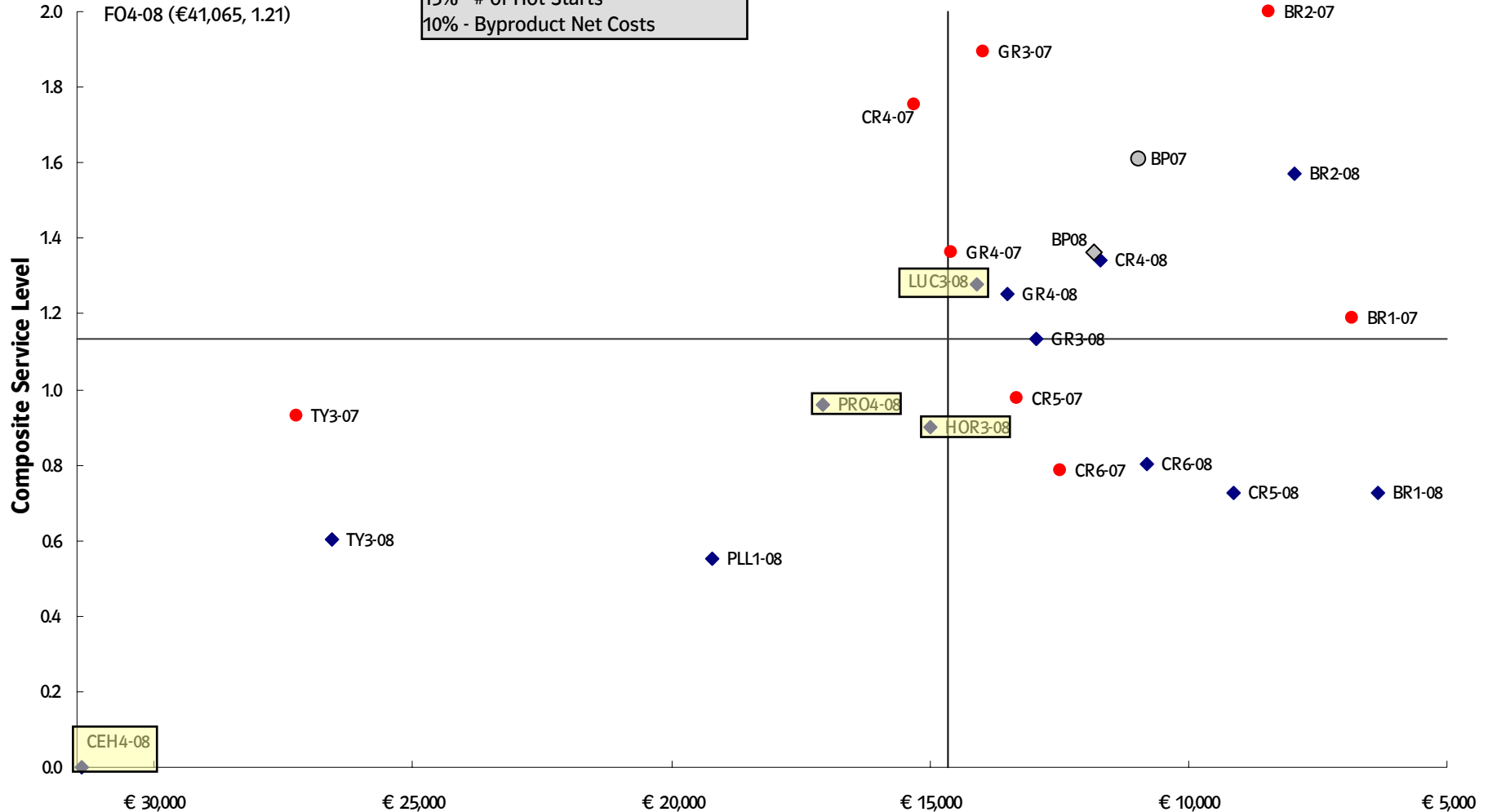
30% - Unplanned Unavailability

30% - Availability

15% - # of Environmental Incidents

15% - # of Hot Starts

10% - Byproduct Net Costs



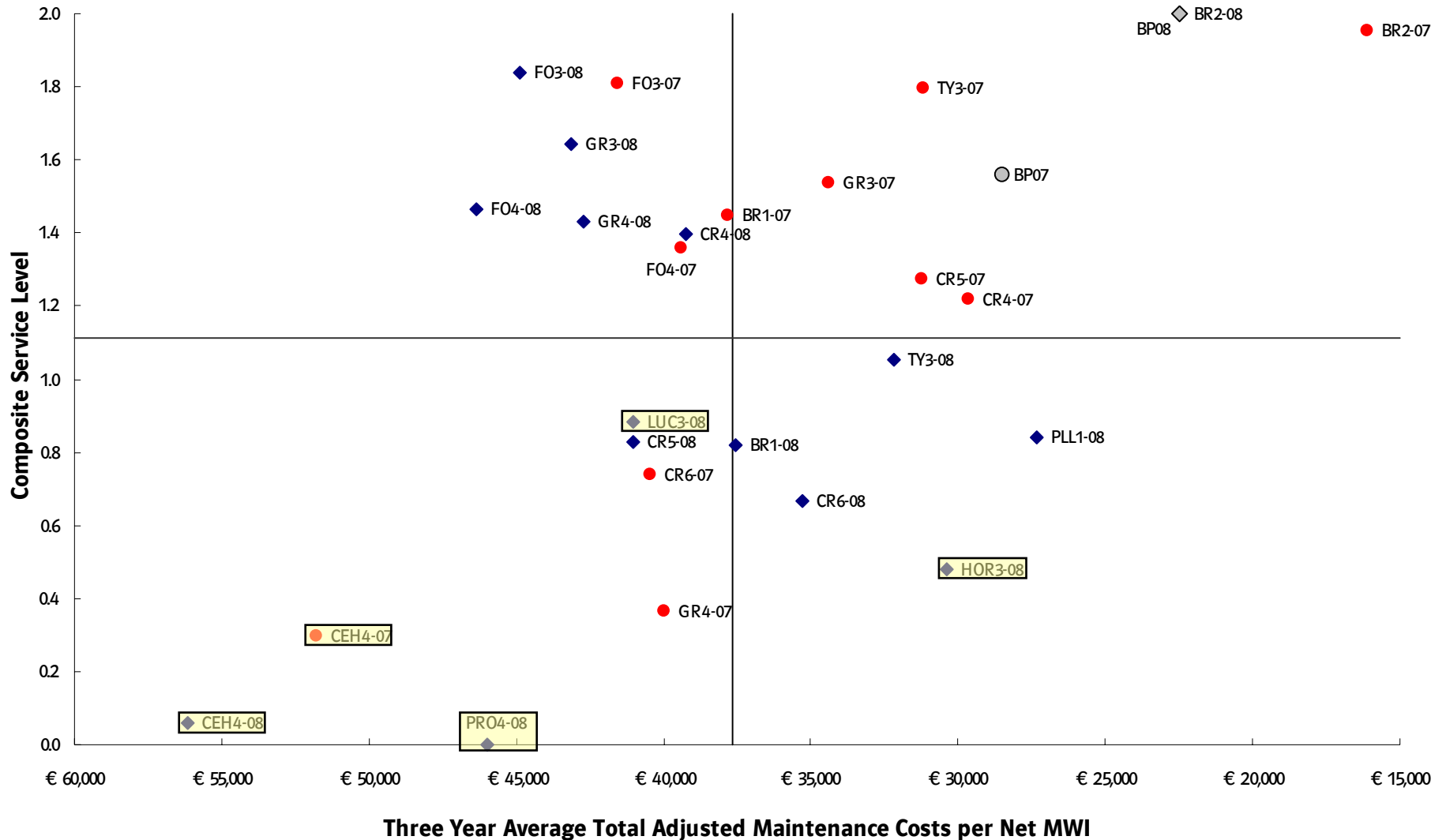
Total Adjusted Non-Fuel Operations Costs per Net MWI

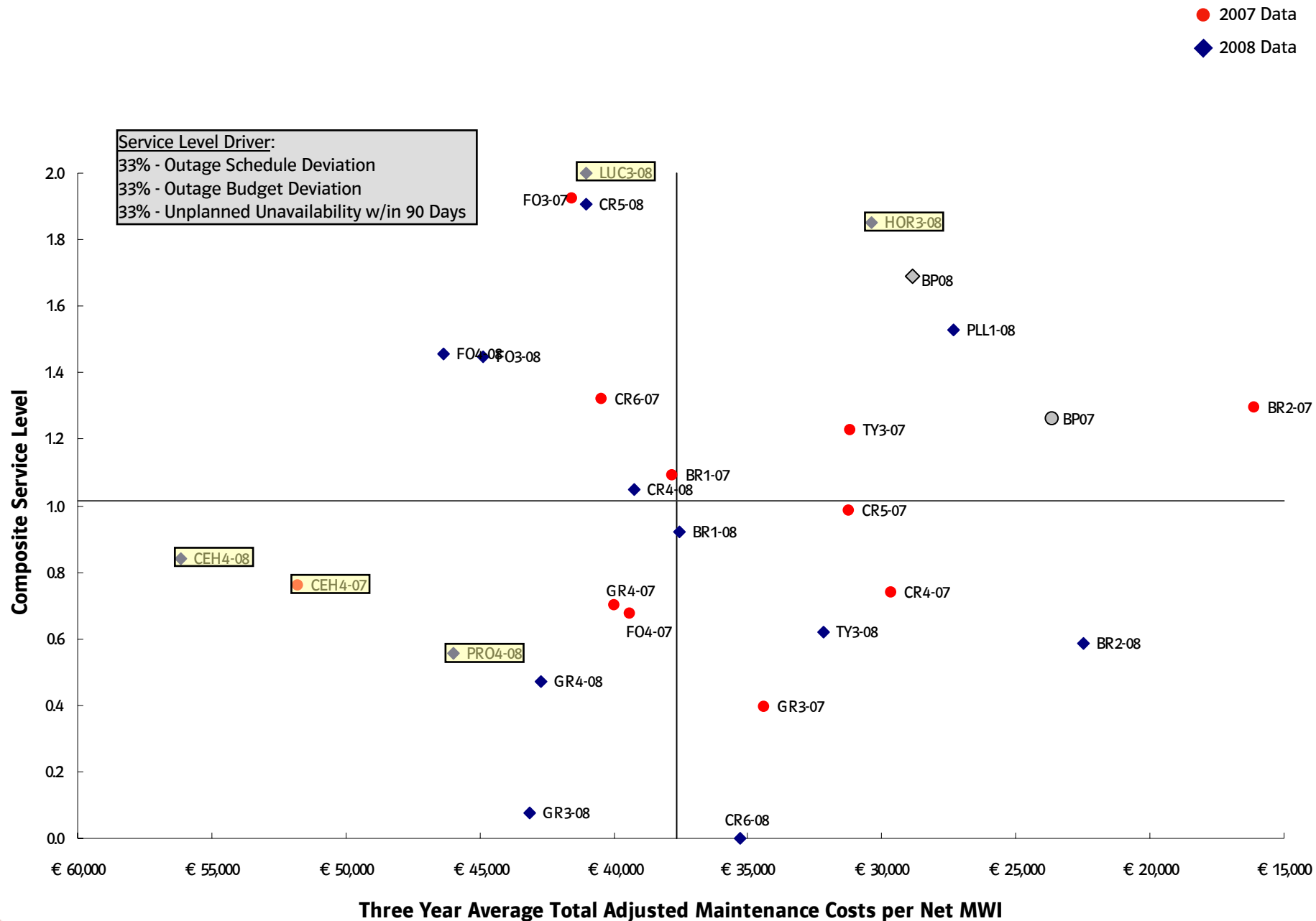
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● 2007 Data

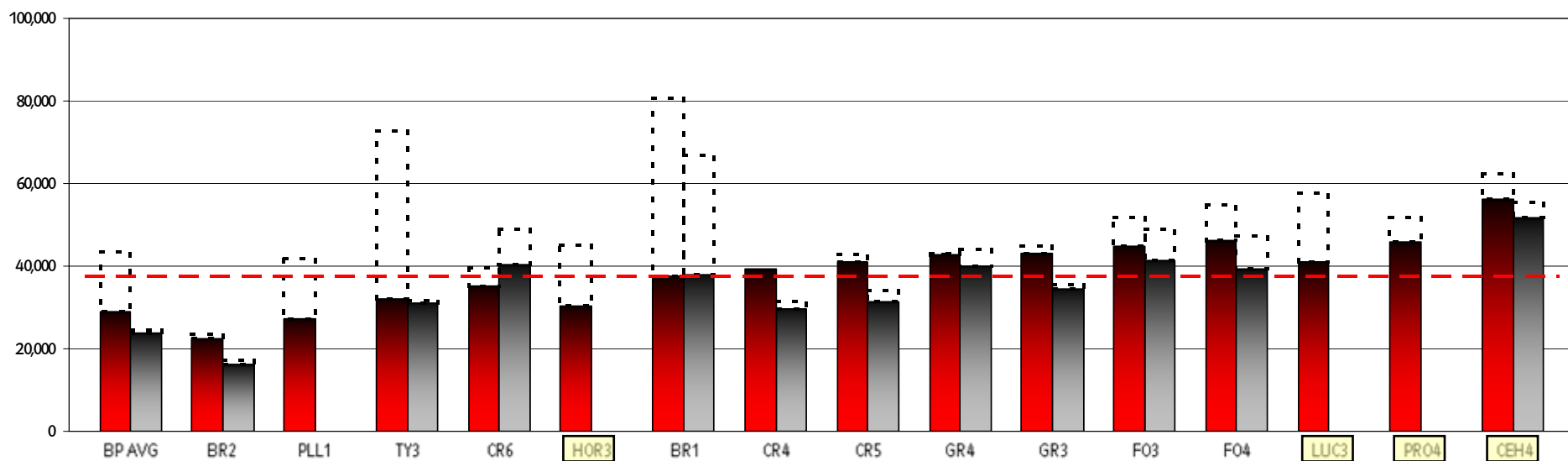
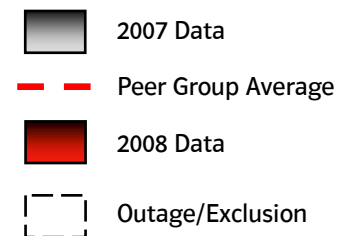
◆ 2008 Data

Service Level Driver:
40% - 3 Year Unplanned Unavailability
40% - 3 Year Availability
20% - Ratio of Corrective Work Orders





Total Adjusted 3 Year Maintenance Costs per Net MWI



● 2007 Data

◆ 2008 Data

Outliers:

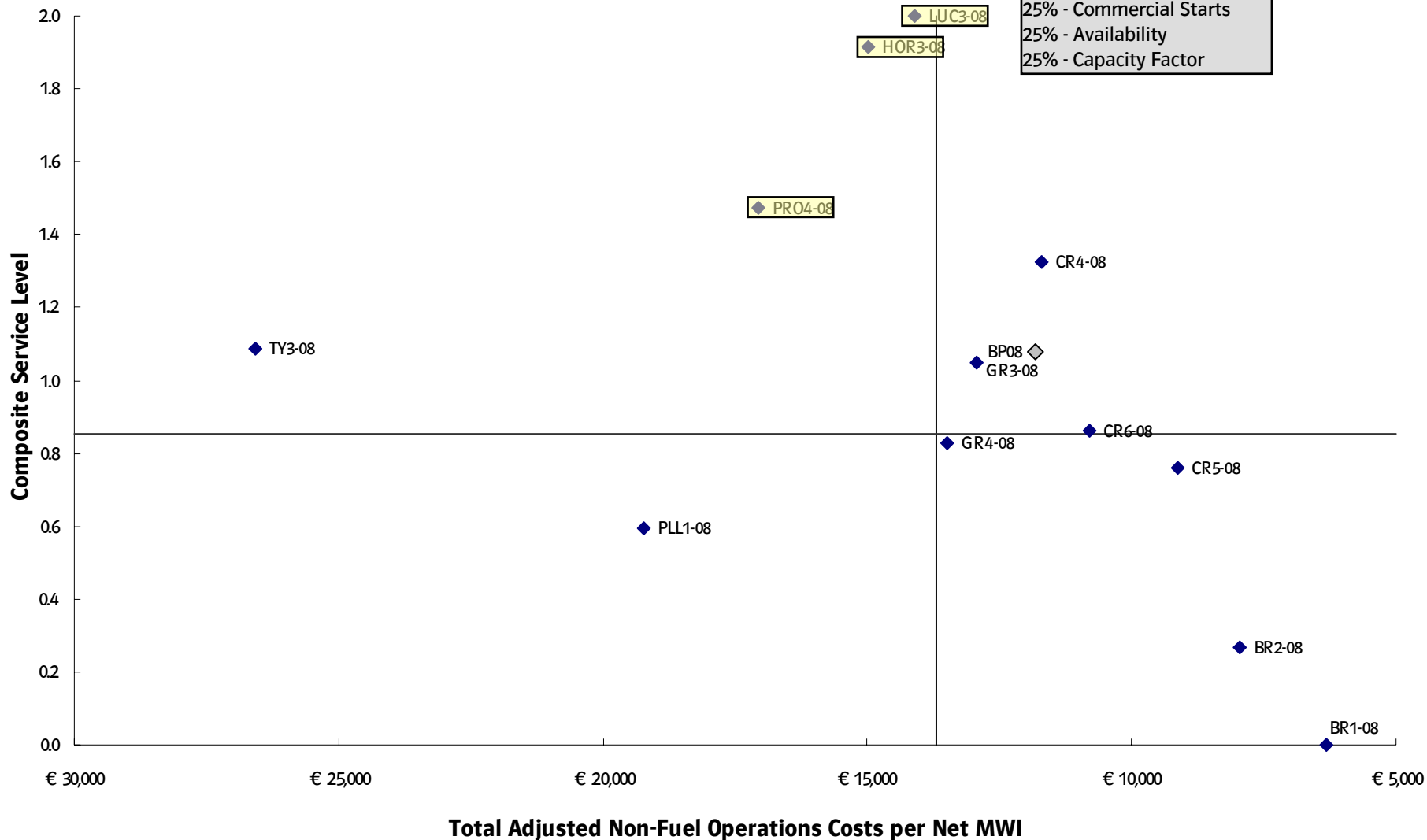
FO3-08 (€42,861, 0.23)

FO4-08 (€41,065, 0.02)

CEH4-08 (€31,399, 0.14)

Service Level Driver:

25% - Startup to Trip Ratio
25% - Commercial Starts
25% - Availability
25% - Capacity Factor



Total Adjusted Non-Fuel Operations Costs per Net MWI